

Ref. No. - IPCA/EHS/2024/687
Date: 25/11/2024

To,
The Joint Director
Regional Office, Western Region
Ministry of Environment & Forests, Govt. of India
Kendriya Paryavaran Bhavan,
Link Road No. 3,
Ravi Shankar Nagar,
Bhopal-462016

Sub : Six Monthly Compliance of EC Conditions.

Ref : EC Identification No.: EC22B021MP135943, MoEF file No. 8880/2021

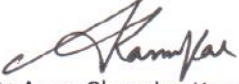
Dear Sir,

With reference to the above subject, we are submitting herewith Six monthly EC Compliance report (Apr'2024 to Sept'2024) for your kind consideration.

We hope that all the document / information submitted shall be in order.

Thanking you,

Yours faithfully
For Ipca Laboratories Ltd.


(Dr Arun Chandra Karmakar)
Unit Head

Encl As above
CC: Member Secretary (SEIAA-Bhopal)
CC: Member Secretary (MPPCB-Bhopal)
CC: Regional Officer (MPPCB-Ujjain)

Ipca Laboratories Ltd. Ratlam

EC Specific condition Compliance

A		
Specific Conditions as recommended by SEIAA		
S. No.	Conditions of Environment Clearance	Status of Compliance for the period Apr-2024 to Sep-2024
1.	The entire demand of fresh water should be met through Municipal Authority Ratlam & from the existing bore wells as permitted by CGWA (Existing 6 nos. Bore wells at site). Fresh water should not be used for Irrigation and gardening purpose.	We have got the NOC from CGWA, In that We got the permission of 6 bore wells which accomplish our fresh water demand, meeting PCB norms. However no fresh water is being used for irrigation and gardening purpose.
2.	Total quantity of runoff water generated and green belt area should be collected in underground tank & used for process in plant to minimize ground water extraction. A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	Since year 2001, We have 3 Nos. of trenches and 16 recharging pits in which run off water is collected to recharge ground water. We also have one rain water harvesting pond in which rain water is collected during the month, July to September and being used in plant up till January, every year. Photographs of Rainwater harvesting pond and Recharging pits are enclosed as per Annexure-1A and 1B.
3.	Green Belt Development	
(a)	PP should ensure plantation as proposed total greenbelt area 15.16 ha. (33% of total plot area) with total 38000 numbers of trees of indigenous local varieties like Neem, Peepal, and Kachnaar.	We have developed 41,174 numbers of trees of indigenous local varieties like Neem, Peepal, and Kachnaar etc. Details of plantation and photographs of green belt cover are as per attached Annexure-02. Our Green belt area is 16.23 ha. This is 35.32% of total area (45.94 Ha).
(b)	Total 5000 Nos. of additional trees should be planted at site to make it denser.	During year 2024-25, We have planted 500 Nos. of additional trees at site to make it denser, ensuring fulfillment of the condition mentioned. Details are attached as per Annexure-03
(c)	Every effort should be made to protect the existing trees on the plot	Regular monitoring and efforts are being made to protect the existing trees. There is a dedicated Horticulture team working on 365 days basis in order to protect trees.
4.	PP should ensure the implementation of CER activities to the extent of Rs. 2.196 Cr committed as follows	In coordination with Ratlam Dist. Collector, we have taken following CER budget and the same was implemented during the year 2022-23

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EC Specific condition Compliance

			CER Activities proposed	Approved Budget (Rs in Cr.)
Sr. No	CER Activities proposed	Budget (Rs. in Cr.)		
1.	Provision of drinking water, waste management and health center facility to sejavta Village.	0.50	Provision of drinking water, waste management and health center facility to Sejavta Village.	0.20
2.	Provision of emergency medical service and facility in sejavta village.	0.40	Provision of emergency medical service and facility in Sejavta Village.	0.20
3.	Skill development in Amletha, Bangrod, Ghatla and Sejavta village, Ratlam City	0.40	Skill development in Amletha, Bangrod, Ghatla and Sejavta Village, Ratlam City	0.20
4.	Greenbelt plantations in nearby areas	0.30	Greenbelt plantations in nearby areas.	0.10
5.	Provision of Solar system in surrounding villages.	0.396	Provision of Solar system in surrounding villages.	0.10
6.	Allotment to Anganwadi of tribal area of District Ratlam	0.05	Allotment to Anganwadi of tribal area of District Ratlam	0.05
7.	Awareness about the environment to people by publishing books	0.15	Awareness about the environment to people by publishing book on Ornithology by TNV , Bhopal	0.15
			Awareness about the environment to people by publishing book on Ratlam Distt.	0.10
			Participation in creation of Village Talab in Ratlam District under PM scheme "Amrit Sarovar Yojana "	1.096
	Total	2.196	Total	2.196
			Received Letter of District collector is enclosed as per Annexure-04	
5.	PP should prepare off-site and on-site emergency plans and carry out mock drills in consultations and coordination with the district Administration and as per safety rules of the industrial Health and Safety.		DISH approved On site Emergency plan is available at site with coverage of all possible emergency scenarios, dtd. 14/10/2023, attached as per Annexure-05 . Off-site Emergency plan by district administration is also available. Mock drill is being conducted as per the industrial Health and Safety norms on regular basis as per the Mock drill Calendar enclosed in Annexure-06	

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6.	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes/ improvements required, if any, in the on-site management plan shall be ensured.	Testing of emergency management plan is done regularly through monthly mock drills at different locations. Regular periodic review of On-site management plan is done to ensure any change or improvement required. Details of the Mock drills conducted are stated as below – <table border="1" data-bbox="831 488 1453 1261"><thead><tr><th>Sr. No</th><th>Date & Time of Mock drill</th><th>Location of Mock drill</th><th>Scenario of Mock Drill</th></tr></thead><tbody><tr><td>1</td><td>16.04.2024</td><td>QC Pharma</td><td>Fire</td></tr><tr><td>2</td><td>08.05.2024</td><td>Comprehensive site wise Mock Drill</td><td>Fire & Explosion</td></tr><tr><td>3</td><td>07.06.2024</td><td>IBD 13 & Powerhouse</td><td>Heavy Rain & Flood</td></tr><tr><td>4</td><td>05.07.2024</td><td>Fabrication Yard , Gen. Store & Eng. Store</td><td>Rescue at Height</td></tr><tr><td>5</td><td>11.09.2024</td><td>Powerhouse III</td><td>Electrical Shock</td></tr></tbody></table>	Sr. No	Date & Time of Mock drill	Location of Mock drill	Scenario of Mock Drill	1	16.04.2024	QC Pharma	Fire	2	08.05.2024	Comprehensive site wise Mock Drill	Fire & Explosion	3	07.06.2024	IBD 13 & Powerhouse	Heavy Rain & Flood	4	05.07.2024	Fabrication Yard , Gen. Store & Eng. Store	Rescue at Height	5	11.09.2024	Powerhouse III	Electrical Shock
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7.	Odour Management																									
(a)	Nozzles, sprayers and atomizers that spray ultra-fine particles of water or chemicals should be used along the boundary lines of area sources to suppress odors.	Noted. However there is no smell issue at Factory Premises.																								
(b)	Odorous air streams frequently contain high concentration of moisture. PP should ensure to use Mist filters for this purpose so that mist filter can remove solids and liquids from gas stream.	We handle and process all our chemicals in closed system, thereby there is no significant smell is produced in the plant. We also conduct regular VOC monitoring across the plant to ensure no smell is generated.																								
(c)	Regular transportation of sludge and other odor producing material to CHWTSDF.	Sludge is being transported to CHWTSDF in closed bags on regular basis. We also spray bleaching powder whenever there is smell from sludge.																								

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(d)	Proper storage of chemical solvent to avoid direct contact to sunlight.	We have underground storage tank for solvents as per PESO requirements and apart from these rest of the solvents are well protected from sunlight using Sheds and tank farms. PESO permission letter is attached as Annexure-07 .																																										
(e)	Personal Protective Equipment should be provided to the workers while handling of chemical and raw material.	We have following PPE'S available at our site, which are provided to workers as per the requirement of the job to be done. <table border="1" data-bbox="823 607 1525 1727"><thead><tr><th>Sr. No.</th><th>Name of the Item</th></tr></thead><tbody><tr><td>1</td><td>Safety Helmet</td></tr><tr><td>2</td><td>Safety Goggles</td></tr><tr><td>3</td><td>Safety Belt</td></tr><tr><td>4</td><td>Lung Protector (Ammonia, Organic and Acids)</td></tr><tr><td>5</td><td>Spare Cartridge- Ammonia, Acid, organic and multipurpose</td></tr><tr><td>6</td><td>Ear Muffs/ Ear Plugs</td></tr><tr><td>7</td><td>Air supply respirator/hood</td></tr><tr><td>8</td><td>Kevlar apron</td></tr><tr><td>9</td><td>Rubber hand gloves</td></tr><tr><td>10</td><td>Full Hand Gloves</td></tr><tr><td>11</td><td>PVC Suit</td></tr><tr><td>12</td><td>PVC Apron</td></tr><tr><td>13</td><td>Safety Shoes</td></tr><tr><td>14</td><td>Gum Boot Full</td></tr><tr><td>15</td><td>Face Shield</td></tr><tr><td>16</td><td>Heat Resistant hand Gloves and cut resistant hand gloves</td></tr><tr><td>17</td><td>Metti Cloth Dust mask</td></tr><tr><td>18</td><td>Surgical Hand Gloves</td></tr><tr><td>19</td><td>PVC hand Gloves</td></tr><tr><td>20</td><td>Fire Fighting Suit (Hydrant)</td></tr></tbody></table>	Sr. No.	Name of the Item	1	Safety Helmet	2	Safety Goggles	3	Safety Belt	4	Lung Protector (Ammonia, Organic and Acids)	5	Spare Cartridge- Ammonia, Acid, organic and multipurpose	6	Ear Muffs/ Ear Plugs	7	Air supply respirator/hood	8	Kevlar apron	9	Rubber hand gloves	10	Full Hand Gloves	11	PVC Suit	12	PVC Apron	13	Safety Shoes	14	Gum Boot Full	15	Face Shield	16	Heat Resistant hand Gloves and cut resistant hand gloves	17	Metti Cloth Dust mask	18	Surgical Hand Gloves	19	PVC hand Gloves	20	Fire Fighting Suit (Hydrant)
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(f)	Thick green belt including small fragrance tree/shrubs should be planted around the odor generating component of the project.	We are maintaining same in our premises. A thick layer of green belt including small fragrance trees/shrubs such as Champa (Plumeria) and Kaner (Oleander) is being developed around the project area. Photographs are enclosed as per Annexure-08
8.	This environmental clearance is issued subject to implementation of online air monitoring facility equipment, waste water management odour management and noise management system. PP should ensure to efficiency of the pollution control measurement should not be less than 99%	Online monitoring facility for Effluent and Ambient Air is available at our site. Online Results of the same are displayed on Digital board at Factory gate, as per enclosed Photograph of Annexure-09 We have given Comprehensive maintenance contract (CMC) to M/s Thermo Fisher Scientific India Pvt Ltd for AAQMS and for effluent; Annual Maintenance Contract (AMC) is being given to Forbes Marshall Pvt. Ltd. Regular Calibration is done as per the schedule to ensure the efficiency. Latest Calibration report of Water Analyzer and AAQMS is attached as per Annexure- 10 & Annexure- 11.
9.	PP to include carbon foot print in the Environmental Monitoring and set targets for reduction of their footprint in the management systems.	We have taken a target of 20% carbon footprint reduction by 2030. Following action is proposed to meet the target : <ol style="list-style-type: none">1. Setting up solar project2. Replacing coal with biofuel3. Energy efficiency initiative We have formed ESG team at Corporate as well as at site level. Monthly meetings are being conducted, where targets and initiatives are being discussed.
10.	PP should ensure to submit half yearly compliance report with photographs of plantation in MP-SEIAA, If PP is failed to upload or submit two consecutive half yearly compliance reports of EC conditions to concerned authority (SEIAA and Regional Office, MoEF & CC, GOI, Bhopal) then prior environmental clearance issued to PP will automatically be treated as cancelled/ revoked as per OM No 930/SEIAA/2019 dated 30.05.2019 issued by MPSEIAA.	We are submitting half yearly compliance report with photographs of plantation to Joint Director-MoEF & CC, Member Secretary- SEIAA-MP, Member Secretary- MPPCB-Bhopal, and Regional Officer-MPPCB-Ujjain. We also upload the same i.e., EC Compliance six monthly reports on PARIVESH Portal. Date of last Submission of EC Compliance Report: 04/06/2024

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B.	Specific Conditions as recommended by SEAC	
S. No.	Conditions of Environment Clearance	Status of Compliance for the period Apr-2024 to Sep-2024
I.	Statutory Compliance	
i.	The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the water (Prevention & Control of Pollution) Act, 1974 from the Madhya Pradesh Pollution Control Board (MPPCB).	We have obtained Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the water (Prevention & Control of Pollution) Act, 1974 from the Madhya Pradesh Pollution Control Board (MPPCB). CTE No-56312, dated-13/07/2022 Valid up to 31/07/2027 attached as per Annexure- 12 2 nd Phase CTO No-AW-60165 dated -08/05/2024 Valid up to 31/03/2025 attached as per Annexure- 13.
ii.	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	We have valid authorization under the Hazardous and other Waste Management Rules, 2016 from the Madhya Pradesh Pollution Control Board (MPPCB). Authorization No- AWH-57643,dated-21/02/2023 Valid up to 31/08/2028 attached as per Annexure- 13A.
iii.	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time; All transportation of hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	Necessary precautions and action plan is being implemented for avoiding accidents. We have prepared the on-site/off-site emergency plan, and conducting periodic mock drills for checking emergency preparedness and mitigation measures as prescribed under the rules and guidelines issued in the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time. We are ensuring the transportation of chemicals as per Motor Vehicle Act (MVA), 1989, and ensuring the compliance at factory gate through checklist. We also provide training to truck drivers, who are transporting hazardous waste/chemicals.
II.	Air quality monitoring and preservation	
i.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter though labs recognized under Environment (Protection) Act, 1986.	Monitoring is being done on Quarterly basis by third party, Precitech Laboratories. It is carried out for parameters like dust, VOC etc at various locations. Latest Copy of Workplace monitoring is attached as per Annexure-14.
ii.	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet	To control source and the fugitive emissions suitable dust extractor and collection systems are provided in Powder

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	<p>the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (if applicable). The gaseous emissions from the boiler, DG set and scrubber shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.</p>	<p>Processing areas. As well as Bag filter, Multi cyclone and Air-Pre-heaters are installed in Boiler area as pollution control device and we have also provided scrubbers in Process stacks. Materials/chemicals are handled in closed system.</p> <p>We are using B grade Coal having Sulphur content less than 0.5%.</p> <p>The gaseous emissions from the boiler, DG set and scrubber are dispersed through stack of adequate height as per CPCB/SPCB guidelines, as shown in the table below.</p> <table border="1" data-bbox="850 689 1552 1503"> <thead> <tr> <th>Sr. No.</th> <th>Name of Section</th> <th>Capacity</th> <th>Stack Height (Mtrs)</th> </tr> </thead> <tbody> <tr><td>1</td><td>Boiler</td><td>6 TPH</td><td>30</td></tr> <tr><td>2</td><td>Boiler</td><td>6 TPH</td><td>30</td></tr> <tr><td>3</td><td>Boiler</td><td>6 TPH</td><td>30</td></tr> <tr><td>4</td><td>Boiler</td><td>8 TPH</td><td>30</td></tr> <tr><td>5</td><td>Boiler</td><td>8 TPH</td><td>30</td></tr> <tr><td>6</td><td>Boiler</td><td>8 TPH</td><td>30</td></tr> <tr><td>7</td><td>D.G. Sets</td><td>260 KVA</td><td>3</td></tr> <tr><td>8</td><td>D.G. Sets</td><td>395 KVA</td><td>3</td></tr> <tr><td>9</td><td>D.G. Sets</td><td>1000 KVA</td><td>30</td></tr> <tr><td>10</td><td>D.G. Sets</td><td>1000 KVA</td><td>30</td></tr> <tr><td>11</td><td>D.G. Sets</td><td>1000 KVA</td><td>30</td></tr> <tr><td>12</td><td>D.G. Sets</td><td>1010 KVA</td><td>30</td></tr> <tr><td>13</td><td>D.G. Sets</td><td>1010 KVA</td><td>30</td></tr> <tr><td>14</td><td>D.G. Sets</td><td>1500 KVA</td><td>30</td></tr> </tbody> </table>	Sr. No.	Name of Section	Capacity	Stack Height (Mtrs)	1	Boiler	6 TPH	30	2	Boiler	6 TPH	30	3	Boiler	6 TPH	30	4	Boiler	8 TPH	30	5	Boiler	8 TPH	30	6	Boiler	8 TPH	30	7	D.G. Sets	260 KVA	3	8	D.G. Sets	395 KVA	3	9	D.G. Sets	1000 KVA	30	10	D.G. Sets	1000 KVA	30	11	D.G. Sets	1000 KVA	30	12	D.G. Sets	1010 KVA	30	13	D.G. Sets	1010 KVA	30	14	D.G. Sets	1500 KVA	30
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iii	<p>Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.</p>	<p>Raw materials are stored in closed containers preventing dust and fugitive emission, At Boiler Area; Coal is stored in covered area with RCC flooring, and automatic water sprinkler system is installed suppressing the dust pollution and other fugitive emissions.</p>																																																												
iv.	<p>The DG sets (1500 KVA) shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.</p>	<p>The DG sets are equipped with suitable pollution control devices, i.e., Acoustic Enclosure, natural draft and stack of 30 mtrs height, conforming to Regulations and the guidelines in this regard.</p>																																																												
v.	<p>National Emission Standards for Organic Chemicals</p>	<p>National Emission Standards for Organic Chemicals</p>																																																												

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Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July 2010 and amended from time to time shall be followed.

Manufacturing Industry issued by the Ministry vide G.S.R. 608(E), are being followed and accordingly regular monitoring of Incinerator & effluent is being done.

Monitoring and testing is carried out by M/s Azis Labs , (NABL -MoEF approved laboratory).

Incinerator stack Monitoring results (Apr'2024 to Sep'2024) are given as below:

Stack Attached to Incinerator				
Parameter	Permissible Limit	Min.	Max.	Avg.
PM	50mg/Nm ³	29.21	31.85	30.53
HCL	50mg/Nm ³	12.18	13.79	12.98
SO ₂	200mg/Nm ³	18.58	23.72	21.15
CO	100 mg/Nm ³	19.34	23.88	21.61
TOC	20 mg/Nm ³	14.57	16.29	15.43
Dioxin & Furan	0.2 ng TEQ/Nm ³	0.07	0.09	0.08
Antimony as Sb	1.5 mg/Nm ³	BDL	BDL	BDL
Arsenic as As	1.5 mg/Nm ³	BDL	BDL	BDL
Lead as Pb	1.5 mg/Nm ³	0.39	0.42	0.4
Cobalt as Co	1.5 mg/Nm ³	BDL	BDL	BDL
Copper as Cu	1.5 mg/Nm ³	0.04	0.06	0.05
Manganese as Mn	1.5 mg/Nm ³	0.18	0.24	0.21
Nickel as Ni	1.5 mg/Nm ³	0.13	0.13	0.13
Vanadium AS V	1.5 mg/Nm ³	BDL	BDL	BDL

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Cadmium as Cd	1.5 mg/Nm ³	BDL	BDL	BDL
Thorium as Th	1.5 mg/Nm ³	BDL	BDL	BDL
Mercury as Hg	1.5 mg/Nm ³	BDL	BDL	BDL

Quarterly Incinerator Stack Monitoring results copy is attached as per **Annexure-15**. Real time monitoring of incinerator stack is also done.

Summary of 6 months Average (Apr'2024 to Sep'2024) RO Outlet Monitoring results are given as below:

Parameter	RO-Outlet			
	Results in mg/L except for pH & Bio assay test			
	Permissible Limit	Min	Max	Avg
pH	6.5 to 8.5	6.57	6.84	6.71
COD	250	11.34	26.47	17.75
BOD 3 days, 27° C (mg/l)	100	5	7	5.83
Oil & Grease (mg/l)	10	NIL	NIL	NIL
Bioassay test	Min. 90% Survival after 96 hrs.	100%	100%	100%
Nitrate	10	ND	ND	ND
Arsenic	0.2	ND	ND	ND
Chromium (Hexavalent)	0.1	ND	ND	ND
Chromium Total	1	ND	ND	ND

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		<table border="1"> <tr> <td>Lead</td> <td>0.1</td> <td>ND</td> <td>ND</td> <td>ND</td> </tr> <tr> <td>Cyanide</td> <td>0.2</td> <td>ND</td> <td>ND</td> <td>ND</td> </tr> <tr> <td>Zinc</td> <td>5</td> <td>ND</td> <td>ND</td> <td>ND</td> </tr> <tr> <td>Mercury</td> <td>0.01</td> <td>ND</td> <td>ND</td> <td>ND</td> </tr> <tr> <td>Phenolics</td> <td>5</td> <td>ND</td> <td>ND</td> <td>ND</td> </tr> <tr> <td>Sulphide</td> <td>2</td> <td>ND</td> <td>ND</td> <td>ND</td> </tr> </table> <p>Month wise RO Outlet Quality results copy is attached as per Annexure- 16.</p> <p>Latest RO Outlet Quality result by MPPCB is attached as Annexure-17.</p>	Lead	0.1	ND	ND	ND	Cyanide	0.2	ND	ND	ND	Zinc	5	ND	ND	ND	Mercury	0.01	ND	ND	ND	Phenolics	5	ND	ND	ND	Sulphide	2	ND	ND	ND																																		
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vi	<p>The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.</p>	<p>The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E), are followed and accordingly regular monitoring of ambient air is being done.</p> <p>Ambient Air Quality Monitoring Analysis is being done on quarterly basis, results are given as below:</p> <table border="1"> <thead> <tr> <th colspan="6">Ambient Air Monitoring Report</th> </tr> <tr> <th colspan="6">Results (permissible limit) & unit in µg/m3</th> </tr> <tr> <th colspan="6">May-24</th> </tr> <tr> <th rowspan="2">Parameters</th> <th rowspan="2">Permissible Limit (ug/cm3)</th> <th colspan="4">Result</th> </tr> <tr> <th>Rain water harvesting pond</th> <th>Main Gate (GATE No. 1)</th> <th>Gate No 4 (Near Way Bridge)</th> <th>Incinerator Area</th> </tr> </thead> <tbody> <tr> <td>SO₂ (24 hrs)</td> <td>80</td> <td>16.23</td> <td>17.54</td> <td>19.84</td> <td>18.64</td> </tr> <tr> <td>NO_x (24 hrs)</td> <td>80</td> <td>25.79</td> <td>26.39</td> <td>25.72</td> <td>24.19</td> </tr> <tr> <td>PM₁₀ (24 hrs)</td> <td>100</td> <td>57.21</td> <td>49.27</td> <td>52.93</td> <td>62.78</td> </tr> <tr> <td>PM_{2.5} (24 hrs)</td> <td>60</td> <td>26.46</td> <td>31.84</td> <td>26.65</td> <td>27.43</td> </tr> <tr> <td>Ozone (8 hrs)</td> <td>100</td> <td>10.54</td> <td>10.31</td> <td>10.53</td> <td>12.37</td> </tr> <tr> <td>Lead (24 hrs)</td> <td>1</td> <td>BDL</td> <td>BDL</td> <td>BDL</td> <td>BDL</td> </tr> </tbody> </table>	Ambient Air Monitoring Report						Results (permissible limit) & unit in µg/m3						May-24						Parameters	Permissible Limit (ug/cm3)	Result				Rain water harvesting pond	Main Gate (GATE No. 1)	Gate No 4 (Near Way Bridge)	Incinerator Area	SO₂ (24 hrs)	80	16.23	17.54	19.84	18.64	NO_x (24 hrs)	80	25.79	26.39	25.72	24.19	PM₁₀ (24 hrs)	100	57.21	49.27	52.93	62.78	PM_{2.5} (24 hrs)	60	26.46	31.84	26.65	27.43	Ozone (8 hrs)	100	10.54	10.31	10.53	12.37	Lead (24 hrs)	1	BDL	BDL	BDL	BDL
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CO (8 hrs)	2000	204.35	253.16	194.21	218.76
NH ₃ (24 hrs)	400	21.19	19.28	21.17	24.53
Benzene (C ₆ H ₆), Annual	5	BDL	BDL	BDL	BDL
Benzo Pyrene (Annual)	1	BDL	BDL	BDL	BDL
Arsenic (Annual)	6	BDL	BDL	BDL	BDL
Nickel (Annual)	20	BDL	BDL	BDL	BDL

Ambient Air Monitoring Report					
Results (permissible limit) & unit in µg/m ³					
Aug-24					
Parameters	Permissible Limit (ug/cm ³)	Result			
		Rain water harvesting pond	Main Gate (GATE No. 1)	Gate No 4 (Near Way Bridge)	Incinerator Area
SO ₂ (24 hrs)	80	15.62	16.66	19.37	17.08
NO _x (24 hrs)	80	23.37	22.86	24.51	23.11
PM ₁₀ (24 hrs)	100	63.53	54.53	57.88	60.59
PM _{2.5} (24 hrs)	60	27.91	28.75	25.41	29.16
Ozone (8 hrs)	100	11.77	12.75	9.81	10.87
Lead (24 hrs)	1	BDL	BDL	BDL	BDL
CO (8 hrs)	2000	204.9	239.05	193.52	193.52
NH ₃ (24 hrs)	400	20.68	18.56	20.5	25.25
Benzene (C ₆ H ₆), Annual	5	BDL	BDL	BDL	BDL
Benzo Pyrene (Annual)	1	BDL	BDL	BDL	BDL
Arsenic (Annual)	6	BDL	BDL	BDL	BDL
Nickel (Annual)	20	BDL	BDL	BDL	BDL

Quarterly Ambient Air Quality Monitoring result copy is attached as per **Annexure-18**.

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III	Water quality monitoring and preservation	
i	<p>The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.</p>	<p>As per the condition mentioned in our consent, we already have online continuous monitoring system for effluent installed at RO-Permeate point, which shows data for, pH, COD, BOD and TSS, connected with CPCB / MPPCB servers.</p> <p>Photograph enclosed as per Annexure-19.</p> <p>We have PTZ camera with 360° view with night vision capability installed at drain point at the boundary connected with MPPCB server. We have flow meters available at our site. Photograph of PTZ camera enclosed as per Annexure-20.</p>
ii	<p>As already committed by the project proponent “Zero Liquid Discharge” shall be ensured and no waste/treated water shall be discharge outside the premises.</p>	<p>We are achieving ‘Zero liquid discharge’ through the treatment scheme described as per Annexure-21, comprising of ETP followed by RO followed by MVRE followed by MEE and ATFD and the effluent is treated up to the prescribed standard and reused in cooling and green belt development , ensuring no waste/treated water is being discharged outside the premises</p>
iii	<p>The high COD/TDS process effluent and RO reject will be treated through Stripper, MEE, ATFD, The MEE-1 condensate will be send to ETP for further treatment and MEE-2 condensate shall be recycled / reutilized back in plant utility. MEE bottom will be sent to TSDF site.</p>	<p>In our premise high COD/TDS Process effluent and RO reject is being processed through the Stripper, MEE, ATFD, and The MEE condensate is being sent to ETP for further treatment. MEE bottom is sent to TSDF site Pithampur Industrial Waste Management Private Limited Pithampur Dist. - Dhar.</p>
iv	<p>The Low COD/TDS effluent along with blow down from utility and washing activity will be treated in an on-site ETP followed by MVRE, RO& MEE. The treated effluent will be reused/recycled.</p>	<p>Treatment of the Low COD/TDS effluent takes place through ETP followed by RO, MEE, MVRE and ATFD. Treated/recovered water is reused in Utility cooling towers, boilers and for green belt development.</p>
v	<p>Adhere to Zero Liquid Discharge and no Industrial effluent from the unit shall be discharged outside the plant premises, PP should also install internet Protocol PTZ camera with night vision facility along with minimum 05X Zoom and data connectivity must be provided to the MPPCB’s server for remote operations.</p>	<p>The effluent is being treated up to prescribed standards and reused in process for cooling tower, Boiler and for greenbelt development within premises, ensuring Zero Liquid Discharge. We have installed Outdoor HD Industrial grade IP (Internet Protocol) with PTZ feature with night vision facility and temper proof mechanism, connected to Environment Surveillance Centre/MPPCB.</p> <p>Photograph of PTZ Camera is enclosed as per Annexure-20</p>

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vi	The effluent discharge shall conform to the standards prescribed under the Environment (protection) Rules, 1986, or as specified by the Madhya Pradesh Control Board while granting Consent under the Air/water Act, whichever is more stringent.	We are not discharging any treated/Untreated effluent outside the factory premise. We have Zero liquid discharge facility.																																			
vii	Total fresh water requirement shall not exceed 2570 KLD.	<p>As per 2nd phase of CTO (AW-60165, issue date 08.05.2024) our total Water requirement is 2570 KL/day. (Fresh water requirement is 1190 + Recycle water generation is 1380 KL/day)</p> <p>Actual consumption for six months is as per below summary.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="text-align: center;">Month</th> <th colspan="3" style="text-align: center;">Total Water Consumption</th> </tr> <tr> <th style="text-align: center;">Average Fresh water Consumption (KLD)</th> <th style="text-align: center;">Average Recycled Water Consumption (KLD)</th> <th style="text-align: center;">Average Total Water Consumption (KLD)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Apr-24</td> <td style="text-align: center;">667</td> <td style="text-align: center;">863</td> <td style="text-align: center;">1529</td> </tr> <tr> <td style="text-align: center;">May-24</td> <td style="text-align: center;">751</td> <td style="text-align: center;">883</td> <td style="text-align: center;">1634</td> </tr> <tr> <td style="text-align: center;">Jun-24</td> <td style="text-align: center;">641</td> <td style="text-align: center;">846</td> <td style="text-align: center;">1488</td> </tr> <tr> <td style="text-align: center;">Jul-24</td> <td style="text-align: center;">657</td> <td style="text-align: center;">839</td> <td style="text-align: center;">1495</td> </tr> <tr> <td style="text-align: center;">Aug-24</td> <td style="text-align: center;">715</td> <td style="text-align: center;">873</td> <td style="text-align: center;">1588</td> </tr> <tr> <td style="text-align: center;">Sep-24</td> <td style="text-align: center;">692</td> <td style="text-align: center;">886</td> <td style="text-align: center;">1578</td> </tr> <tr> <td style="text-align: center;">Average</td> <td style="text-align: center;">687</td> <td style="text-align: center;">865</td> <td style="text-align: center;">1552</td> </tr> </tbody> </table>	Month	Total Water Consumption			Average Fresh water Consumption (KLD)	Average Recycled Water Consumption (KLD)	Average Total Water Consumption (KLD)	Apr-24	667	863	1529	May-24	751	883	1634	Jun-24	641	846	1488	Jul-24	657	839	1495	Aug-24	715	873	1588	Sep-24	692	886	1578	Average	687	865	1552
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viii	Process effluent/any waste water shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.	We have separate drains for effluent and storm water. It is ensured that waste water is not getting mixed with storm water. The Storm Water is collected through network of storm water drainage system, is passed through a guard pond of adequate capacity and this collected storm water is discharged after ensuring non contamination as per the SOP-S&E_028_2005 Storm water drains. Photograph of Storm water drain is attached as per Annexure -22																																			

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ix	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.	We have 3 Nos. of Trenches with recharge Wells, 16 Nos. of Recharge Pits and 1 No. of Rain Water Harvesting Tank with recharge Shaft. Photographs of Harvesting pond and Rain Water Recharging Pits are enclosed as per Annexure-1A, 1B.
x	Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.	We have dedicated power supply through DG Sets available at site for uninterrupted operation of treatment systems.
IV	Noise Monitoring and Prevention	
i.	Acoustic enclosure shall be provided to DG sets (1500 KVA) for controlling the noise pollution.	Acoustic enclosure has been provided to the DG sets to mitigate the noise pollution. Photographs are enclosed as per Annexure-23
ii.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measure including acoustic hoods, silencers, enclosures etc. On all sources of noise generation.	We have Acoustic Enclosure for DG and Blowers. Ear muff and Ear plug are provided to employees working in high noise area. Noise levels are always within the limit.
iii.	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	We are following the same. Latest Ambient noise Monitoring report is enclosed as per Annexure-24.
V	Energy Conservation Measures	
	The energy sources of lighting purposes shall preferably be LED based.	LED Lights are available at site; photographs are enclosed as per Annexure-25.
ii	The total power requirements for project will be 33894 KW. The power will be supplied by MPPK Vidyut Vitaran Company Limited Ujjain Region.	Our power consumption remains well below 33894 KW. Copy of September month bill is enclosed as per Annexure-26.
VI	Waste Management	
i	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.	Hazardous chemicals are stored in tanks, tank farms, drums, carboys etc., fulfilling the condition mentioned. Flame arresters are provided on tank farm. Solvent is being transferred through pumps. Photographs of flame arresters are attached as per Annexure-27
ii	As proposed, 92-95% solvent recovery shall be achieved and recovered solvent shall be reused in the process.	Average solvent recovery at plant is 94%, Details are enclosed as per Annexure-28.
iii	Hazardous wastes such as spent solvents, organic incinerable wastes/residues, used filter bags,	We have following means of disposal for Hazardous waste:-

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packaging materials, rejected/expired raw materials and off specification/ rejected finished products from the manufacturing plants shall be directly sent to TSDf, Pithampur/Recyclers/Pre or coprocessors.

(1) Own in house capacitive incinerator plant.
 (2) TSDf, Pithampur Industrial Waste Management Private Limited.
 (3) Pre-processing to Hazargo Industries Pvt. Ltd., Pithampur, Madhya Pradesh and Green Gene Enviro Protection and Infrastructure Pvt. Ltd., Chittorgarh Rajasthan
 Six Monthly Disposal Record for pre-processing and TSDf is given in table

Hz waste (category no.)	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Total
Process Residue And Waste (I-28.1)	33	13	25	48	51	40	210
Spent Carbon (I-28.3)	10.5 50	26.25 0	14.70 0	33.0 80	49.1 30	31.0 60	164. 77
Date Expired (I-28.5)	4.30 0	0.000	0.080	0.00 0	0.00 0	0.00 0	4.38
Any Process or Distillation Residue (I-36.1)	10.3 9	3.95	10.86	26.9 7	22.8 7	25.1 9	100. 23
Sludge from WWT (I-35.3)	456. 93	432.5 6	515.7	263. 94	273. 49	270. 72	2213 .34
MEE Salt (I-35.4)	180. 2	162.0 4	76.44	75.1 4	73.4	44.4 1	611. 63
Incineration Ash (I-37.2)	2.77 0	3.480	3.450	0.63 0	2.40 0	0.00 0	12.7 3
Discarded Containers (I-33.1)	1.25 0	0.000	1.180	1.03 0	1.23 0	0.00 0	.469
Used / Spent Oil (I-5.1)	1.58 0	0.000	0.000	0.00 0	0.00 0	0.00 0	1.58
Spent Catalyst (I-28.2)	0.00 0	7.457	0.000	6.80 7	0.00 0	0.00 0	14.2 6
Spent Solvent (I-28.6)	383. 643	145.3 21	202.8 68	229. 212	125. 819	130. 935	1217 .79
	TOTAL						4550.71

iv

The fly ash generated from boilers shall be stored in covered shed and disposed off through cement manufacturers or brick manufacturers by bulkers/closed containers and should comply with Fly Ash Utilization Notification, 1999 and as amended

The Fly Ash being stored separately as per CPCB Guidelines, under the shed with continuous sprinkling of water to prevent airborne particles and also contained inside the dyke to prevent mixing in the storm water drain. It is being disposed off to the

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	subsequently.	brick manufacturer approved by MPPCB.
v	If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in same storage shed.	All Flammable, ignitable, reactive and non-compatible wastes are stored separately as per the SOP SOP_RTM_API_EHS_725_S&E_039_2005_Storage Incompatibility.
vi	Automatic smoke, heat detection system should be provided in the sheds. Adequate firefighting systems should be provided for the storage area.	We have provided automatic smoke detection system in our shed. We are also having adequate fire fighting systems in our Hazardous waste storage area, photographs of Hazardous waste storage shed with smoke detection system is enclosed as per Annexure-29
vii	In order to have appropriate measures to prevent percolation of spills, leaks etc. to the soil and ground water, the storage area should be provided with concrete floor of inert material or steel sheet depending on the characteristics of waste handled and the floor must be structurally sound and chemically compatible with wastes.	We have made arrangement of impervious floor of RCC for hazardous waste storage area, in order to prevent percolation of spills, leaks etc. to the soil and ground water. Floor is structurally sound and chemically compatible with wastes. Photographs of Hz waste storage shed with impervious flooring are enclosed as per Annexure-29
viii	Measures should be taken to prevent entry of runoff into the storage area. The Storage area shall be designed in such a way that the floor level is at least 150mm above the maximum flood level.	The height of Hazardous waste storage shed is 2 feet (609.6mm) above the ground; thereby there is no chance of entering of runoff water.
ix	The storage area floor should be provided with secondary containment such as proper slopes as well as collection pit so as to collect wash water and the leakages/spills etc.	We have provided the floor with secondary containment of slope and we also have collection pit to collect wash water, leakages or spills, following the mentioned condition. Photographs of Hz waste storage shed with collection pit enclosed as per Annexure-29
x	Storage areas should be provided with adequate number of spill kits at suitable locations. The spill kits should be provided with compatible sorbent material in adequate quantity.	We have spill kit with compatible sorbent material in storage area, as per the SOP - GMP_RTM_S&E_062_2010_Spill Prevention & Containment.
xi	Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.	MSDS of all the chemicals used are displayed at appropriate places in the plant. Photograph is enclosed as per Annexure-30 .
xii	Proper fire fighting arrangements in consultations with the fire department should be provided against	Fire NOC is available at our site, enclosed as per Annexure-31 . We have trained Fire Fighters as well as Fire

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	fire incident.	tender with adequate capacity of fire fighting equipment.
xiii	All the storage tanks of raw materials/products shall be fitted with appropriate controls to avoid any spillage/leakage. Bund/dyke walls of suitable height shall be provided to the storage tanks. Closed handling system of chemicals shall be provided.	Dyke wall of suitable height and secondary containment is provided in our storage area, with appropriate control to avoid spillage/leakage. We have closed handling system for chemicals. Photograph is enclosed as per Annexure-32 .
xiv	Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.	Logbooks are maintained in Form-03 as per Hazardous and other Wastes (Management & Transboundary Movement) Rules, 2016
xv	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF/Pre-processor.	Process organic residue and spent carbon is being sent to authorized Pre-processor. ETP sludge, process inorganic & evaporation is being disposed off to the TSDF, Pithampur Industrial Waste Management Private Limited.
xvi	The company shall undertake waste minimization measure as below: a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw materials or as raw materials substitutes in other processes. c. Use of automated filling to minimize spillage. d. Use of Closed Feed system into batch reactors. e. Venting equipment through vapour recovery system. f. Use of high pressure hoses for equipment clearing to reduce waste water generation.	We are undertaking Waste minimization as per the following measures: a. Batch wise quantity is closely monitored b. Continuous effort is being done to optimize raw material consumption and to get maximum yield. Solvents are recovered and reused. c. All tanks are provided with level indicator and critical ones are provided with high level alarm. d. Hazardous chemicals are handled in closed system with suitable operation control procedures. e. Equipment is vented through vapour column followed by condensers for vapour condensation and recovery. f. Equipments are cleaned through high pressure hoses.
VII	Green Belt	
i	The additional green belt of 5-10 m width shall be developed 4200 sq. Meter within and periphery of plant (5000 nos.) along road sides and the open spaces and at open spaces at existing green belt etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.	During year 2024-25, We have planted 500 Nos. of additional trees at site to make it denser, ensuring fulfillment of the condition mentioned & total quantity including previous year is 41174 No's. This year also a target of 500 no's additional plantation in our periphery area. Details are attached as per Annexure-03
ii	Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2.5 feet height of species which are fast growing with thick canopy cover preferably of perennial green nature and species as suggested by the committee. As	It is already available, enclosed as per Annexure-02

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	proposed 5000 nos. of plants shall be planted green belt mainly along the periphery of new plot and at open spaces at existing green belt at a distance of 2m x 2m to achieve 2500 Nos. of trees/Ha. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.	
VIII	Safety, Public hearing and Human health issues	
i.	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Hazard Identification and Risk Assessment (HIRA) is a regular practice of Emergency preparedness plan in our factory. We also have Disaster Management Plan in on-site emergency plan attached as per Annexure-05
ii.	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.	We have all the arrangement of fire fighting, which includes fire hydrant system, fire extinguishers, fire tender maintained by fire staff.
iii.	The PP shall provide Personal Protective Equipment (PPE) as per the norms of Factory Act.	We have PPE Matrix, based on the requirement of activities, PPEs are being provided.
iv.	Training shall be imparted to all the employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Safety training is being imparted to all the employees on safety and health aspects of chemicals handling, as per the training calendar. Training Calendar is attached as per Annexure-33 Pre-employment and routine periodical medical examinations for all employees are undertaken on regular basis as per CSOP/2021/262/R01-Medical Examination of Employee Training on Chemical handling is also provided to employees.
v.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	The construction labors working within the site premise are from local area. Hence they don't require provision of any infrastructure or facilities in the factory.

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viii	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Occupational health surveillance of the workers is being done on a regular basis and records are maintained as per the Factories Act. Occupational health centre six monthly details are provided in below table <table border="1" data-bbox="866 432 1562 958"> <thead> <tr> <th>Month</th> <th>Apr 24</th> <th>May 24</th> <th>Jun 24</th> <th>Jul 24</th> <th>Aug 24</th> <th>Sep 24</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>No. of Medical Examination</td> <td>769</td> <td>1135</td> <td>928</td> <td>885</td> <td>724</td> <td>705</td> <td>5146</td> </tr> <tr> <td>Total No. of patient attend</td> <td>480</td> <td>380</td> <td>328</td> <td>585</td> <td>773</td> <td>687</td> <td>3233</td> </tr> <tr> <td>No. of emergency handled</td> <td>Nil</td> <td>03</td> <td>03</td> <td>03</td> <td>02</td> <td>-</td> <td>11</td> </tr> <tr> <td>No. of dressing done</td> <td>12</td> <td>13</td> <td>08</td> <td>22</td> <td>20</td> <td>10</td> <td>85</td> </tr> </tbody> </table>	Month	Apr 24	May 24	Jun 24	Jul 24	Aug 24	Sep 24	Total	No. of Medical Examination	769	1135	928	885	724	705	5146	Total No. of patient attend	480	380	328	585	773	687	3233	No. of emergency handled	Nil	03	03	03	02	-	11	No. of dressing done	12	13	08	22	20	10	85
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vi. vii. vi	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products and no parking to be allowed outside on public places.	We have adequate space inside the plant premises specifically assigned for parking of vehicles for raw materials and finished products. Photographs are enclosed as per Annexure-34 .																																								
IX	EMP & CER																																									
i	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation/violation of the environmental/forest/wildlife norms/conditions and or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MOEF&CC as a part of six-monthly report.	We have a well laid down Environmental policy duly approved by the Board of Directors. We are submitting the copy of signed and approved Environmental Policy ,six monthly to MOEF&CC Copy of Environment Policy is enclosed as per Annexure-35 .																																								
ii	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	It is already available, enclosed as per Annexure-36																																								
iii	The proposed EMP cost is Rs. 173.443 Cr. as capital and 43.9475 Cr. /year as recurring cost.	We have spent Rs. 40Cr. As capital cost on environmental protection, our recurring cost is 12-14Cr/year.																																								

Ipca Laboratories Ltd. Ratlam

EC Specific condition Compliance

iv	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	We have EMP available at our site covering all the required conditions , enclosed as per Annexure-37 .
v	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	We will follow the same.
	Miscellaneous	
i	PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.	Noted and being followed.
ii	The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.	Noted and being followed.
iii	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Noted and being followed.
iv	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of environment, Forests and climate Change (MoEF &CC).	Before any expansion or modifications in plant we will take necessary statutory permission from MoEF CC.
v	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 the Air (Prevention & Control of Pollution) Act,1981, the environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts any other Court of Law relating to the subject matter.	Noted and being followed.


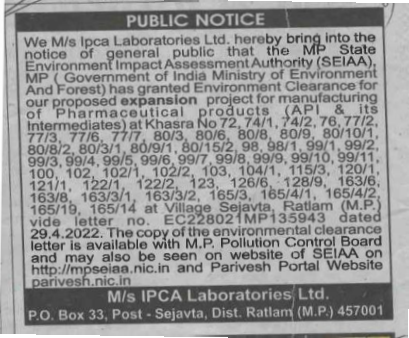
Ipca Laboratories Ltd. Ratlam

EC Specific condition Compliance

	Standard Condition:	
1	The company shall carry out the HAZOP study and the report shall be submitted to Regional Office of MoEF, Gol at Bhopal.	HAZOP study is regular practice in our company, performed as per the SOP.:- SOP_RTM API_EHS_611 S&E_58_2009_HAZOP Protocol
2	The company shall comply with the CREP guidelines prepared by MPPCB for Bulk Drug Plants.	We are implementing the same.
3	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixings of accidental spillages with domestic waste and storm drains.	Garland drains along with Secondary Containment (Dyke Wall) are Provided.
4	Industry should get the Emergency Disaster Management Plan approved by DTHS and should also comply with the provisions made in Public Liability Insurance Act, 1991.	We have got Disaster Management Plan in Onsite Emergency Plan , Copy of Onsite Emergency Plan is attached as per Annexure -05 We are following the provisions of Public Liability Insurance Act, 1991.Copy of Public Liability is enclosed as per Annexure- 38
5	All parameters listed in Environmental Monitoring Plan approved by SEAC must be monitored at approved locations and frequencies.	Environmental Monitoring Plan available, enclosed as per Annexure-39.
6	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Regional office.	Noted and Shall be Complied.
7	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act,1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained (as and when applicable), by the project proponent from the respective competent authorities.	We have obtained all the statutory clearances and approvals. For the storage of diesel we got class B Petroleum Licenses (License No. : P/HQ/MP/15/786 (P15627)) attached as per Annexure-07 We have got Gas Cylinder license for the storage of Gases like Ammonia, Chlorine, Nitrogen, Hydrogen and Hydrochloric Acid, provided as per Annexure-40
8	The Regional Office, MoEF, Gol, Bhopal and MPPCB shall monitor compliance of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, should be given to Regional Office, MoEF, Gol, Bhopal and MPPCB.	Noted, Already following.
9	A copy of environmental clearance shall be submitted by the Project Proponent to the Heads of the Local	We have submitted the copy of EC to the concerned body. Submitted Copy is attached as per Annexure-41.

Ipca Laboratories Ltd. Ratlam

EC Specific condition Compliance

	Bodies, Panchayat and Municipal Bodies as applicable in addition to the concerned Government Departments/ organization responsible for controlling the proposed projects who in turn has to display the same for 30 days from the date of receipt.	
10	The project proponent has to strictly follow directions/guideline issued by the MoEF, GoI, CPCB and other Govt. agencies from time to time.	Noted and being followed
11	The project proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the State Level Environment Impact Assessment Authority (SEIAA) website at www.mpseiaa.nic.in and a copy of the same shall be forwarded to the Regional Office, MoEF, GoI, Bhopal and MPPCB.	<p>We have published in News Paper, the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the State Level Environment Impact Assessment Authority (SEIAA).</p> <p>Published in the Prasaran ,on Page-05,Dtd. 08/05/2022</p>  <p>Published in the Dainik Bhaskar, on Page-04 ,Dtd. 04/05/2022</p> 

Ipca Laboratories Ltd. Ratlam

EC Specific condition Compliance

12	<p>The project proponent has to upload soft copy of half yearly compliance report of the stipulated prior environmental clearance terms and conditions on 1st June and 1st December of each calendar year on MoEF & CC web portal- http://www.environmentclearance.nic.in/ or http://www.enfclearance.nic.in/ and submit hard copy of compliance report of the stipulated prior environmental clearance terms and conditions to the Regulatory Authority also.</p>	<p>We are submitting half yearly compliance report with photographs of plantation to Joint Director-MoEF & CC, Member Secretary- SEIAA-Bhopal, Member Secretary-MPPCB-Bhopal, and Regional Officer-MPPCB-Ujjain.</p> <p>We upload the same i.e., EC Compliance six monthly reports on PARIVESH Portal.</p> <p>Date of last Submission of EC Compliance Report: 01/06/2024</p>
13	<p>The SEIAA of M.P. reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986 to ensure effective implementation of the suggested safe measures in a time bound and satisfactory manner,</p>	<p>Noted</p>
14	<p>These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.</p>	<p>Noted</p>
15	<p>The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.</p>	<p>Noted</p>
16	<p>Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.</p>	<p>Noted</p>
17	<p>Any appeal against this prior environmental clearance shall lie with the Green Tribunal, if necessary, within period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.</p>	<p>Noted</p>
18	<p>The prior Environmental Clearance granted for the project is valid for a period of seven years as per EIA notification dated. 14.09.2006 & its amendments.</p>	<p>Noted</p>

Ipca Laboratories Ltd. Ratlam

EC Specific condition Compliance

19	<p>The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.</p>	<p>Noted and being followed. A Digital display board showing the result for pollutants is displayed at the factory entrance gate and being updated on daily basis.</p> <p>The photograph of same is enclosed as per Annexure-09.</p>
20	<p>The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the Regional Office of MoEF & CC, GoI.</p>	<p>We are regularly submitting the Environmental statement, in Form-V to MPPCB.</p> <p>The last statement was submitted on 14/09/2024.</p>

Annexure-1A

Photographs of Harvesting Pond



S



Annexure-1B

**Recharging Pit-01
Near Pharma- I**



**Recharging Pit- 02
Near First Aid**



**Recharging Pit- 03
Near Gate No. 03**



**Recharging Pit- 04
Near Gate -03 (A)
Car parking area**



**Recharging Pit- 05
Near Gate -04**



**Recharging Pit- 06
Near IBD- XXII**

**Recharging Pit-
07 Near IBD-
XXII**



**Recharging Pit-
08 Near IBD-
XXII**



**Recharging Pit- 09 Near
AAQMS station**



**Recharging Pit- 10
Near AAQMS
station**



**Recharging Pit-
11 Near AAQMS
station**



**Recharging Pit- 12
Near AAQMS station**

Recharging Pit- 13
In Rain Water Harvesting Pond



Recharging Pit- 14
In Rain Water Harvesting Pond



Recharging Pit- 15
In Rain Water Harvesting Pond



Recharging Pit- 16
In Rain Water Harvesting Pond

Annexure - 02

Green Belt Development inside Factory Premise

Total Land Area: 45.94 ha

Total Green Belt Area: 16.23 ha

% of Green belt Area: 35.32%

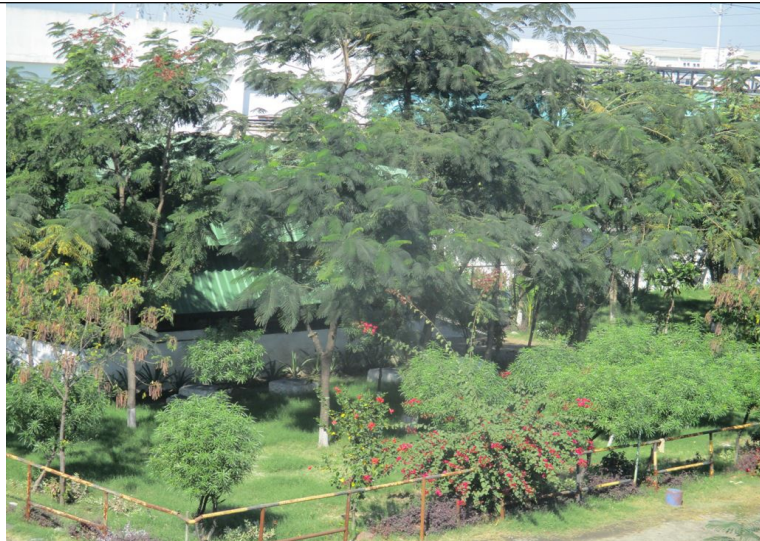
Plant Species available at site are:

S.No.	Description of plant Species	Nos. of Trees/Plants in Factory premises	S.No.	Description of plant Species	Nos. of Trees/Plants in Factory premises
1	Gulmohar	260	32	Champa	40
2	Areca Palm	183	33	Kenya	100
3	Ficus	4300	34	Saptaparni	20
4	Panda Ficus	340	35	Musli	10
5	Krish trees	12	36	Chico	7
6	Peltafarm	4100	37	Jamfal	20
7	Bottle Palm	230	38	Ber	5
8	Pistol Palm	35	39	Kapit	8
9	Pipal Desi	150	40	Jamun	57
10	Kenmore	60	41	Ambla	10
11	Bangali Babar	235	42	Anaar	10
12	Paras Pipal	3525	43	Bugal bel	100
13	Eucalyptus	220	44	Kejuryda	10
14	Karanj	925	45	Sagwan	25
15	SuBabul	6500	46	Bottle brush	8
16	Babool desi	2110	47	Paltafarm	400
17	Neem desi	4300	48	Pipal	10
18	Imli desi	35	49	Babul	120
19	Mango	63	50	Arjun	40
20	Arjun	215	51	Ashok	5
21	Bamboo	5000	52	Furnish Palm	50
22	Vad Trees	50	53	Fykes/Mangniz Faikash	570
23	Peel Pattar	30	54	Kajurayna	50
24	Kesiya Sayma	278	55	Kanak Champa	300
25	Amaltas	55	56	Ashok Chyadar	110

26	Acacia	93	57	Peltafarm	520
27	Chikoo	60	58	Malabar Neem/ Neem	250
28	Badam	400	59	Paras Pipal	50
29	Kaner	4250	60	Jaamun	70
30	Waida	40	61	Mayuri	100
31	Jambu	35	62	Traminaliya	10
Total					41174

Green Belt Layout













Annexure-03

Details of Additional trees planted at the site (Purpose of making area denser)

Sr. No.	Plant Species	Nos. of plants
1	Kanak Champa	50
2	Peltafarm	150
3	Chiku	50
4	Malabar Neem/ Neem	200
5	Jaamun	50
	Grand Total	500



☎ : 07412-270400 कार्यालय
☎ : 07412-270402 निवास
Website : <http://www.ratlam.nic.in>
E-mail : dmratlam@nic.in

कार्यालय कलेक्टर एवं जिला दण्डाधिकारी जिला रतलाम (म.प्र.)
महू-नीमच फोरलेन रोड, रतलाम पिन-457001

660

दि. 12/7/22

To,

Mr. A.K. Jain
Joint Managing Director
IPCA Laboratories Ltd.

Subject :- Request to release the Corporate Environment Responsibility (CER) fund as per EC issued by SEIAA, M.P.

Ref. :- 1. Your proposal as per letter dated 20.06.2022
2. Your Environment Clearance letter dated 29.04.2022 as received from SEIAA, M.P.

Dear Mr. Jain,

With reference to above subject and in continuation that, we here approve your following proposal for implementation within time bound program:

Sr. No.	CER Activities proposed	Budget Approved (Rs, In Cr.)	Coordinating Authority
1	Provision fo drinking water, waste management and health center facility to Sejavta Village.	0.20	CEO, Ratlam
2	Provison of emergency medical service and facility in Sejavta Village.	0.20	
3	Skill development in Amletha, Bangrod, Ghatla and Sejavta village, Ratlam City	0.20	
4	Greenbelt plantations in nearby areas.	0.10	
5	Provision of Solar system in surrounding villages.	0.10	
6	Allotment to Anganwadi of tribal area of District Rat'am	0.05	Dist. Mahila & Vikas Dept.
7a	Awareness about the environment to people by publishing book on Omithology by TNV, Bhopal	0.15	Ipca
7b	Awareness about the environment to people by publishing book on Ratlam Distt.	0.10	CEO, Ratlam
8	Participation in creation of Village Talab in Ratlam District under PM scheme "Amrit Sarovar Yojana"	1.096	
	Total	2.196	

On account of valuable Financial and Social support proposed by your management for upliftment of Ratlam district, I really appreciate and extend my sincere gratitude.



If at all your office requires any administrative support, please feel free to contact the undersigned.

Thanking You,

Narendra Kumar Suryawanshi
District Collector

Ipca Laboratories Limited
P.O. Sejavata
Ratlam - 457001
Madhya Pradesh - India
On-Site Emergency Response
Manual



Document No.	IPCA/S&E/OSEP/2023/01	Revision No.	13
Issue date	14/10/2023	Total No. of Pages	84
Name		Signature	Date
Reviewed & Issue by	Indrasen Singh AGM - EHS		06/10/2023
Approved By	Dr. Arun Chandra Karmakar Vice President - Operations		06/10/2023

Control of Confidentiality

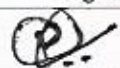

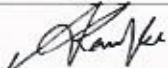
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Phone: (07412) 278000

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Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL
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Action By	Name	Designation	Signature	Date
Prepared	Priyansh Upadhyay	Jr. Officer - EHS		06/10/2023
Checked	Indrasen Singh	AGM -EHS		06/10/2023
Approved	Dr. Arun Chandra Karmakar	Vice President – Operations		06/10/2023



Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL

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Checked	Indrasen Singh	AGM -EHS		06/10/2023
Approved	Dr. Arun Chandra Karmakar	Vice President – Operations		06/10/2023



Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL
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Action By	Name	Designation	Signature	Date
Prepared	Priyansh Upadhyay	Jr. Officer - EHS		06/10/2023
Checked	Indrasen Singh	AGM -EHS		06/10/2023
Approved	Dr. Arun Chandra Karmakar	Vice President – Operations		06/10/2023

AMENDMENT POLICY




The Amendment required shall be requested through the Document Change request form. Amendment request shall be reviewed for justified reason & to amend this document & the same shall be approved by the designated signatories. Then management representative shall handle the issue of revised document and retrieve of obsolete document.

The EHS Department is responsible for discarding and destroying the obsolete document and replacing with the amendment one as per SOP of "Control of Documents". The Management Representative shall ensure that the amendment has been incorporated in all the copies by signature from all document holders on a document issue register. This register shall be retained permanently with the Management Representative.

The master copy of the obsolete "On site Emergency Plan" withdrawn from the system and the same shall be retained with the Management Representative for future reference.




DISTRIBUTION LIST

Copy No	Issued To	Copy No	Issued To
Master Copy	Management Representative		
1	Vice President (Bulk Drug)	23	Plant In charge (IBD-V)
2	H.O.D (Engg.)	24	Plant In charge (IBD-VI)
3	H.O.D (Security)	25	Plant In charge (IBD-VII)
4	H.O.D (E.H.S)	26	Plant In charge (IBD-VIII)
5	H.O.D (HR & Admin)	27	Plant In charge (IBD-IX)
6	H.O.D (Store)	28	Plant In charge (IBD-X)
7	H.O.D (Safety)	29	Plant In charge (IBD-XI)
8	H.O.D (Formulation)	30	Plant In charge (IBD-XII)
9	H.O.D (Formulation Tablet)	31	Plant In charge (IBD-XIII)
10	H.O.D (Formulation Dry syrup)	32	Plant In charge (IBD-XIV)
11	H.O.D (Formulation Liquid)	33	Plant In charge (IBD-XV)
12	H.O.D (Formulation Injection)	34	Plant In charge (IBD-XV (B))
13	H.O.D (B.S.R)	35	Plant In charge (IBD-XVI)
14	H.O.D (PCE)	36	Plant In charge (IBD-XVII)
15	H.O.D (Q.A)	37	Plant In charge (IBD-XVIII)
16	H.O.D (Q.C)	38	Plant In charge (IBD-XIX)
17	Plant In charge (FDC-IX)	39	Plant In charge (IBD-XX)
18	Plant In charge (FDC-III)	40	Plant In charge (IBD-XXI)
19	Plant In charge (IBD-I)	41	Plant In charge (IBD-XXII)
20	Plant In charge (IBD-II)	42	Plant In charge (IBD-XXIII)
21	Plant In charge (IBD-III)	43	Plant In charge (IBD-XXIV)
22	Plant In charge (IBD-IV)		

Action By	Name	Designation	Signature	Date
Prepared	Priyansh Upadhyay	Jr. Officer - EHS		06/10/2023
Checked	Indrasen Singh	AGM- EHS		06/10/2023
Approved	Dr. Arun Chandra Karmakar	Vice President – Operations		06/10/2023

REVISION HISTORY

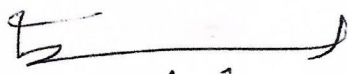
SR. No	DETAILS OF REVISION	REASON FOR REVISION	REVISION NO. / DT	APPROVED BY ON
1.	Hazard Potential Area's & Duties	Need Based	01/AUG.' 99	Dr. BSD 03/08/99
2.	Biannual Review	Reviewed as per SOP No. GMP/RTM/ 06/99	02/AUG.' 2001	MR. SKD 01/08/2001
3.	Review of SOP	Need Based	03/AUG.' 2003	MR. SKD 26/08/2003
4.	Intercom, Telephone No. & Address Changed	Need Based	04/MAY.' 2005	MR. SKD 06/05/2005
5.	Review of SOP	Need Based	05/MAY'2007	MR. SKD 25/05/2007
6.	Review of SOP	Biennial Revision	06/MAY'2009	MR. SKD 30/05/2009
7.	Review of On Site Emergency Plan	Need Based	07/AUG'2011	Dr. ACK 27/07/2011
8.	Review of On Site Emergency Plan	Need Based	08/AUG'2014	Mr. DS 30/08/2014
9.	Entrapping in Confined Space, Rescue at Height & EARTHQUAKE	Need Based	09/JUL'2015	Mr. DS09/07/2015
10.	Environmental Emergency	Need Based	10/Jan'2017	Mr. YKR 02/01/2017
11	Review on site emergency plan	Need Based	11/May2019	Mr.AC 01/05/2019
12	Review on site emergency plan	Need Based	12/Sept/2021	Mr.RP 27/05/2021
13	Review on site emergency plan	Need Based.	13/Oct/2023	Dr. ACK 14/10/2023

Action By	Name	Designation	Signature	Date
Prepared	Priyansh Upadhyay	Jr. Officer - EHS		06/10/2023
Checked	Indrasen Singh	AGM- EHS		08/10/2023
Approved	Dr. Arun Chandra Karmakar	Vice President – Operations		06/10/2023

Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL

1. AUTHORIZATION

The Information furnished in the document on the subject has been verified by signing and is submitted seeking modification / suggestions from your office to make the documents viable. I also assure that I will obtain consent before any change in the plant, machinery , building, structure, substances, storages and manufacturing process is intended or otherwise after at least every period of twenty four months from date 09/10/23 until the factory (for any reason) is not closed forever. In later case it will be our liability to inform closure sure of the factory to your office and dispose of all hazardous substance / material of the factory in such a manner rendering those safe for the life and environment.



Ajit Kumar Jain
Managing Director & CFO (Occupier)
Ipca Laboratories Ltd.
P.O. Sejavta
Dist. Ratlam 457001
M.P.India

Ipca Laboratories Limited Ratlam

ON-SITE EMERGENCY RESPONSE MANUAL

A quick and effective response at during an Emergency can have tremendous significance on whether the situation is controlled with little loss or it turns into a Major Emergency. Therefore, purpose an emergency plan is to provide basic guidance to the personnel for effectively combating such situations to minimize loss of life, damage to property and loss of property.

Keeping above in view, this plan titled “**On Site Emergency Plan**,” outlines the basic course of action to be followed by Ipca Laboratories Limited, Ratlam employees in case of major fire or explosion, chemical spills, release of toxic, flammable or hazardous chemicals or any other similar condition which may occur either in or around the plant premises.

The highest ranking technical person present in the plant at the time of the emergency will have the overall responsibility of supervising and coordinating the course of action to be taken to tackle the emergency. Every one concerned should be thoroughly familiar with his responsibilities as mentioned in this plan.

3. PARTICULARS OF THE ORGANIZATION

M/s Ipca Laboratories Limited, Ratlam having Factory License No. 06/7647/RTM/2m(i)H is located on MHOW- NEEMUCH ROAD, about 8 Kms. Away from District Headquarter place Ratlam. The Ipca site is spanning over an area of 68 acres in the North – East of village Sejavta. The Factory premises on 3 sides are surrounded by the agricultural land there is no significant population/residential housing in the 2 Kms. vicinity of the Factory.

Plant operated in mainly in 04 shifts:

1st Shift – 7 A.M to 3 P.M

2nd Shift – 3 P.M to 11 P.M

3rd shift – 11 P.M to 7 A.M

General Shift—09:30 A.M to 06:00 P.M

Total Employees (Approx.)

Permanent Workers: 695

Permanent Staff : 1601

Contract Employees: 3000

Total Employees : 5296

Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL

4. OBJECTIVE OF ON-SITE EMERGENCY PLAN

An objective of Emergency Planning is to maximize the resource utilization and combined efforts towards emergency operations are as follows:

4.1 DURING AN EMERGENCY

- a. To increase thinking accuracy and to reduce thinking time.
- b. To localize the emergency and if possible eliminates it.
- c. To minimize the effects of accident on people and property.
- d. To take correct remedial measures in the quickest time possible to contain the incident and control it with minimum damage.
- e. To prevent spreading of the damage in the other sections.
- f. To mobilize the internal resources and utilize them in the most effective way.
- g. To arrange rescue and treatment of casualties.

4.2 DURING NORMAL TIME

- a. To keep the required emergency equipment in stock at right places and ensure the working condition.
- b. To keep the concerned personnel fully trained in the use of emergency equipment.
- c. To give immediate warning to the surrounding localities in case of an emergency situation arising.
- d. To mobilize transport and medical treatment of the injured.
- e. To get help from the local community and government officials to supplement manpower and resources.
- f. To provide information to media & Government agencies, Preserving records, evidence of situation for subsequent emergency etc.

Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL

5. EHS POLICY




Environmental, Health and Safety Policy

Environment, Health and Safety are an integral part of the Company's core business values. Ipca is committed to protect the environment and provide a secure work place to our employees & contractors for their Health & Safety. It is the responsibility of the management and its employees to protect its core values.


We are committed to:

- ▶ Provide a safe work place and a healthy work environment to employees, contractors and visitors.
- ▶ Establish systems, policies, procedures and compliance monitoring to fulfill our compliance obligations and commitments on environment, health & safety.
- ▶ Promote environment protection and conservation of natural resources to reduce impact on the environment.
- ▶ Integrate environment, health and safety as an integral part of business for continual improvement of EHS management to enhance EHS performance.
- ▶ Consider concerns of stakeholders in management decisions.
- ▶ Build safety culture in operation and work continuously on elimination of hazards, risk reduction and EHS training.
- ▶ Set objectives, targets and key performance indicators that underpin the framework for continual improvement and business sustainability.

This policy shall be implemented across the organisation and communicated to all stakeholders.


Pranay Godha
Managing Director & CEO
Date: 12th May, 2023


Ajit Kumar Jain
Managing Director & CFO



Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL

6. SCOPE OF ON- SITE EMERGENCY PLAN

The obligation of an occupier of hazardous chemicals to prepare an on – site emergency plan is stipulated in following Acts / Rule

Section 41B (4) of the Factories Act, 1948
Rule 13 of MSIHC Rules, 2000.

Also states that every occupier is to draw up an onsite emergency plan with detailed disaster control measures.

It is therefore necessary to develop an onsite disaster management plan through a systematic study of the hazards possibilities.

6.1 TYPES OF EMERGENCY

Disaster is an event which causes severe disruption to life of number of people or to the project activities resulting in suffering and loss of life and property.

Disasters can be:

1. Plant oriented- due to design errors, operational defects, chemical changes etc.
2. Failure of equipments, human errors etc. (in the plant area).
3. Natural- flood, cyclone, fire, earthquakes, biological disaster.
4. Manmade situations - war, riot, sabotage.

This On-Site Emergency Plan is prepared for Industrial Emergencies like fires, explosions, toxic releases, strikes, etc.

The types of incident can lead to following disaster scenarios: -

- a. Fire & Explosion
- b. Entrapping in Confined Space
- c. Rescue at Height
- d. Leakage of Toxic gas /vapors
- e. Spillage of flammable chemical
- f. Spillage of Toxic chemical
- g. Food poisoning
- h. Structure collapse
- i. Heavy Rain or Flood
- j. Earthquake
- k. Bomb Threat

Ipca Laboratories Limited Ratlam **ON-SITE EMERGENCY RESPONSE MANUAL**

6.2 DEGREES OF EMERGENCY

Disaster can be classified in 3 types depending on its effects:

1. LOW - can cause injury, illness and equipment damage but not very serious and quickly manageable.
2. MID - Critical situation, can cause serious injuries to personnel, serious illness property and equipment damage.
3. HIGH - Catastrophic situation, major danger, can cause death, major widespread illness, injuries, loss of major property and equipments. Immediately uncontrollable.

The above contingencies will be declared by the chief coordinator. The following will be the mode of action during different degrees of disaster.

- HIGH EMERGENCY- Catastrophic condition. All employees to be evacuated. Local administration to be properly informed and interacted.
- MID EMERGENCY- All project activities to be stopped. All employees to be in safe place. To be ready for High disaster situation. Inform local administration.
- LOW EMERGENCY- Activities in the affected area stopped. To be ready for MID disaster condition.

6.3 ELEMENTS OF ONSITE EMERGENCY PLAN

The important elements to be considered in plan are

- a. Emergency organization
- b. Emergency Facilities
- c. Roles and Responsibilities of Key Personnel and Essential Employee
- d. Communications during Emergency
- e. Emergency Shutdown of Plant & Control of situation.
- f. Rescue Transport & Rehabilitation
- g. Developing Important Information

6.4 METHODOLOGY

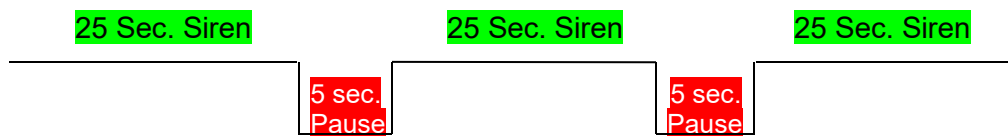
The consideration in preparing Emergency Plan will be included the following steps:

- a) Identification and assessment of hazards and risks
- b) Identifying, appointment of personnel & Assignment of responsibilities.
- c) Identification and equipping Emergency Control Centre
- d) Identifying Assembly, Rescue points, Medical Facilities
- e) Formulation of plan and of emergency sources
- f) Training, Rehearsal & Evaluation
- g) Action on Site

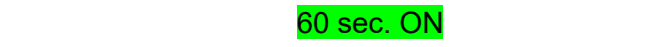
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ON-SITE EMERGENCY RESPONSE MANUAL

6.5 WARNING/ALARM/COMMUNICATION SYSTEM OF EMERGENCY

1. Any Employees spotting such condition/situation having the potential to cause emergency, must inform to his superior (shift In charge/Plant in Charge). He may try to control the situation, If qualified trained for the same.
2. After judging the gravity of the situation, main controller will declare the emergency and instruct the security to raise the siren.
3. On the instruction of the main controller, security will raise the siren, as follows,



ALL CLEAR SIREN:
 Continuous siren of 1 minute duration



Note: after the completion of the emergency, a single 1 Min. continuous siren raised.

6.6 Mock Drill Plan

Mock drill plan has been prepared for the identified three types of degree of emergencies and is being practice to ensure effective utilization of resources in order to mitigate the emergency.

Type of Emergency	Frequency	Coverage	Type of scenario
Low	Monthly	Single Plant	Small fire, spillage of chemical in small quantity
Medium	Quarterly	Group of plants/ area/department	Fire catching other building, toxic gas release, Major spillage etc.
High	6-Monthly	Entire company	Multiple fire, explosion, toxic gas release, natural disaster etc.

Ipca Laboratories Limited Ratlam ON-SITE EMERGENCY RESPONSE MANUAL

7. EMERGENCIES IDENTIFIED

Following emergencies can occur at various locations in the Plant:

7.1 FIRE & EXPLOSION

There are chances of fire in following areas:

- Underground solvent storage yard
- Drum Storage yard
- Fractional Distillation Tower and all IBDs
- PCE Lab and all other Labs
- Boiler House / Thermopack Section/Incinerator
- H.S.D. Storage tanks
- Hydrogen cylinder storage shed.
- Packing Material Stores/Raw material store
- L.P.G. Bank at canteen
- Gas Cylinder storage
- Scrap Yard
- Finished goods store.
- Power House station.



7.1.1 IN CASE, ANY PERSON NOTICES FIRE/SMOKE OR SPARK INDICATING A LIKELY FIRE, FOLLOWING STEPS SHOULD BE TAKEN: -

- Person who spots fire should not get panic.
- First he should spot exact location of fire and assess the situation, then shout "Fire-fire" at the top of his voice.
- He will locate the nearest fire alarm Manual Call Point (MCP) and break the glass.

Responsible Person	Intercom No.	Mobile No.
Unit Head	8002	9915032162
Area In Charge	-	-
EHS Head	8321	92441 22082
Safety Head	8004	9300642111
Security	8100/8105	-

- Upon hearing of MCP siren in the plant area, all plant people shall come out from the plant & assemble outside safe place.
- Unit Head, Safety Manager and Security should be informed on Intercom at once or He will inform the Shift In-Charge or the security guard, who so ever is approachable.
- On instruction of unit head, Security guard will blow the emergency siren so that concerned persons are aware that some incident / accident have occurred.
- The All personnel including contract workers and visitors shall assemble at assembly points.

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- The communication team will take Head count.
- The shift in-charge will act as Emergency coordinator.

Note: Refer Annexure –II to know the inventory details of the hazardous materials.

- He will reach the site and fight fire along with fire fighting team and assess the type and condition of fire.
- Except one guard at gate all other guard will reach the site to help in fire fighting.
- Immediately extinguish the fire with the help of fire extinguishers available by only trained and experienced person.
- Affected person if any should be removed from the place and first aid shall be given quickly by trained person.
- Other people who are not concerned with actual fire fighting operation should evacuate the place.
- The area should be cordoned off and no unauthorized person should be allowed to reach near the place of fire.
- Immediately the plant supervisor will isolate the power supply of their machines to the affected area. , If necessary, Plant may be shut down in safe manner.
- The flammable material should be shifted to safer place.
- Whenever necessary cool nearby structure / equipment / storage vessel to reduced effect.
- Brief the fire fighting personnel of the cause of fire and wherever use of water is considered dangerous.
- If required, inform the Pump House Operator on Intercom No. 8101 to start Water Hydrant Plant.
- Main gate guard shall immediately ensure that no personnel / vehicle except those required for the control of the incident allowed to go out / come in.
- The fire extinguisher Team will fight the fire with the appropriate fire extinguisher and Fire Hose team will spray water near effected area by water hydrant system to keep the surrounding area cool.
- During the fire fighting operation position on windward side so that fumes do not affected you.
- If required, use Self Contained Breathing Apparatus (SCBA).
- First aid team should be ready with their kit for treating injured persons.
- The communication team will inform emergency response station and will arrange ambulance to reach the site if any serious injury occurs.
- If fire gets uncontrollable help from respective sources like Fire Brigade, etc should be called for.
- Clear road from traffic obstructions.
- The evacuation team with the help of guard will do evacuation of person (other than fire fighters) and bring them to First Aid area. Shift in charge shall stay back to bring the section to safe shutdown.
- When fire is extinguished do not leave the place immediately re-check the place thoroughly.



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- If the fire is in control, normalcy is restored. Effected section can be started after the joint inspection by GM / AGM Production, Maintenance Engineer, Production Manager and EHS Manager. The final clearance for restart will be given by head production.
- Used fire extinguishers to be sent for refilling and unused ones should be put back in its original location. Water tanks should be refilled to its capacity.

Note: In case of electrical fire do not use water until plant total electrical circuit has been isolated including earthing & neutral, the same shall be well confirmed by In Charge – Electrical.

7.1.2 IN CASE OF FIRE IS NOT IN CONTROL

- Plant In charge will inform to unit head and unit head instructed to security to blow emergency siren and declare emergency for entire plant and call for Fire Brigade.
- Shift In charge shall ask all factory personnel including contract workmen and visitors in their respective departments to do safe shutdown of their respective areas and assemble at designated assembly point.

At the assembly point, all factory personnel including contract workmen and visitors shall wait for instructions from Unit Head to carrying out various duties such as:

- Communication
- Relief, refreshment / catering facility
- Additional transport arrangements
- Additional fire fighting squads to be sent to affected areas
- Additional first aid to be sent to affected areas

Shift In charge shall perform duties of fire fighting, rescue coordinator as well as emergency controller in case; no senior official is available in plant.

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7.2 ENTRAPPING IN CONFINED SPACE (E.G. REACTORS, TANKS, VESSELS, DRAIN PITS ETC)

- **FIRST SAVE YOUR SELF. THAN HELP OTHERS**
- **PERSON STANDING OUTSIDE (ATTENDANT) SHOULD NEVER ENTER THE CONFINED SPACE UNLESS AN ALTERNATE PERSON IS DESIGNATED AS ATTENDANT AND THAT ALSO WITH FULL PRECAUTIONS FOR CONFINED SPACE ENTRY.**

Risk Matrix of rescue operation

Type of Risk	Consequences	Control measures & action
Unplanned rescue by attendant	Attendant may become victim	<ul style="list-style-type: none"> ➤ Understanding of permit conditions and duties of attendant. ➤ Call for help if he alone cannot rescue from outside. ➤ If see entrants in emergency, raise alarm /shout in full voice Save- Save- Save to call help and plan rescue operation.
SCBA set may not work, valve not functioning, less pressure etc.	Breathing problem, not suitable for full rescue time.	<ul style="list-style-type: none"> ➤ Use fresh SCBA set & check before use for all aspects. ➤ SCBA will give an alarm if air pressure is dropping.
Cartridge mask may entangle with some object and get displaced	Exposure of ammonia / toxic gas / vapor.	Check possibility of such object, ensure tightness of mask, seek help from attendant
Ladder may get struck with the anchor/agitator and not come out easily	Delay in rescue, victim also may get struck with the ladder and difficult to take out.	Check position of anchor to set ladder first
Inability to lift / pull person physically.	Unable to rescue victim outside.	<ul style="list-style-type: none"> ➤ Ensure that the attendant / rescuer are physically fit. ➤ Pull out manually with the help of co-worker.

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Safety harness lanyard / Rope may break / slip	Injury to victim	Use rope or harness of good quality / condition.
Confined space harness become loose & open	victim can't be pulled out in balance position, possible head / solder injury etc.	Check harness all hooks & belts & its tightness
Breathing air in SCBA set finished as per signal by alarm but rescue not completed	Rescuer will come out to save his life first, rescue process stopped in between	Next rescuer should be kept ready with second SCBA set in advance, plan who will go when.
Breathing air supply to the supplied air mask is stopped in between from utility or by unknown	Exposure of gas/ vapor, difficulty in breathing	Proper allocation of job before start of rescue, monitoring of BA line / valve, ensure timely communication with utility supplier

Common Procedure

- The attendant who is stationed outside and near the entrance to the confined space as described in the “Confined Space Permit” remains in constant communication with all workers inside the confined space.
- The attendant must be notified immediately if an entrant recognizes:
 - - unusual action/ behavior
 - - an unexpected hazard
 - - an unsafe act or
 - - detects a condition prohibited by the permit
- Entrants must exit the confined space as quickly as possible, when:
 - - an order to evacuate is given by the attendant or entry supervisor
 - - an entrant recognizes a sign or symptom of over-exposure
 - - an unacceptable condition arises or
 - - a manual call point alarm is activated by plant in-charge.
- When anybody is trapped inside a confined space like reactor, ANF, ANFD, RVD, chemical tank, water tank etc. attendant should not enter inside the confined space but follow the following procedure:
 - Attendant shall shout in top of his voice **save – save – save** and shall call to his immediate supervisor and they will start rescue with non entry rescue method like pulling rope from outside and take per victim out if within his capability.

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- Plant emergency siren should also be activated to get people for help. They will also inform security, fire hydrant and OHC as per site emergency plan.
- Meanwhile medical staff shall be alerted by the plant to reach the site for possible medical attention.
- Always try first non-entry rescue where person can be pulled with the help of harness / rope which is fixed outside of permit space. Plant person shall help each other to take out person successfully.
- If rescue requires entry in to the confined space then they will call the “nearby trained rescuer available whose name is identified in Confined Space permit (Annexure-3)”. The team shall follow appropriate technique for rescue and ensure that all confined space entry precautions are taken before entry.
- Moment outside attendant notice that entrants finding difficulty in breathing and / or become unconscious, he should ensure Breathing air supply inside the confined space.
- Plant In-charge / Incident controller/ Available supervisor shall ensure all resources as per List in the appendix –A to perform rescue.
- Each authorized entrant / rescuer shall use a confined space harness, which is attached at the center of the entrant's back near shoulder level, or above the entrant's head.
- The other end of the harness shall be outside attached to a fixed point outside the permit space in such a manner that rescue can begin as soon as the rescuer becomes aware that rescue is necessary.
- MSDS of concern plant product/ chemical shall be referred in case any treatment information required as medical assistance.
- If an injured entrant is exposed to a substance for which a Material Safety Data Sheet (MSDS) or other similar written information is required to be kept at the worksite, that MSDS or written information shall be made available to the medical facility treating the exposed entrant.
- **Rescuer must wear all the recommended PPE for confined space before entering inside reactor and must carry small SCBA set while rescuing victim and should not enter without any PPE. Rescuer must have patience and presence of mind. If rescuer feels that he is not able to perform should say clearly or ask help as needed from Incident controller / department head / Plant supervisor.**

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- Check victim condition inside for safe removal from the confined space. Check condition of safety belt its attachments and ask outside person for pull the person slowly – slowly with the help of mechanical devise or manual.
- Once outside Check victim's condition and if unconscious but alive start First Aid, including artificial breathing.
- Remove victim's safety belt & open his clothes and send person to OHC for further treatment.
- In case of water tank, rescue rope is required of adequate length which can be used during rescue.

Basic Confined Space Entry and Rescue Equipment

Following equipment must be available in Plant:

- Safety Ladder
- Suitable cartridge mask (ammonia / chemical / organic vapors) Cartridge Mask- based on hazard in plant.
- Mini self contained breathing apparatus.
- Ropes
- Confined space rescue harness
- Safety goggles & hand gloves
- Flameproof Torch
- Tri-pod (Available at Hydrant)
- Fire Extinguisher
- First Aid Kit
- Barricades (as required)
- LEL / Oxygen gas meter (as per need)
- Portable toxic gas meter

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7.3 RESCUE AT HEIGHT

In case of a person hang during the work at height following actions should be taken.

- Call the ambulance & fireman immediately.
- Reach the incident place as soon as possible.
- Give console to victim – “don’t worry; I am going to rescue you soon.
- Rescuer should wear the full body rescue harness belt.
- Take the rescue kit to near the incident location.
- Identify the correct rigid heavy load bearing capacity carrying point.
- Attach ceiling with it and ensure again for the correct attachment.
- After taking lanyards, vertical fall arrest systems and web retractable, move down slowly towards hanged person.
- After reaching to the hanged person rescuer take his correct position.
- Attach double sling with back connector of hanged person harness.
- Ensure that the double sling is attached perfectly to the hanged person.
- Cut the harness of the hanged person by the bladeless cutting.
- After cutting the harness of hanged person, both rescuer & hanged person connect each other.
- By auto lock carbiner move down slowly to the ground.
- After reaching safely to the ground keep the hanged person in ‘W’ position for approx. Five minutes, so that the blood circulation of the casualty become normal.
- Remove the harness of hanged person.
- If the hanged person injured then shift him to first aid.

Basic Height Rescue Equipment

- Full Body Harness
- Rescue Kit
- Hand Gloves
- Safety Helmet
- Safety Shoes
- Safety Goggles

7.4 AMMONIA LEAKAGE

Besides general measures suggested in general precautions, following actions to be taken:

- The affected area should be evacuated and cordoned off immediately.
- Only trained & experienced personnel should approach the area using Self Contained Breathing Apparatus (SCBA) or Supplied Air type Hoods, Body Protective PVC overall, Hand Gloves Gum Boots. Etc.
- The location of ammonia leak may be determined by



Ipca Laboratories Limited Ratlam ON-SITE EMERGENCY RESPONSE MANUAL

moving an open bottle of dilute hydrochloric acid in the suspected region. A white cloud of ammonium chloride will form.

- If leakage is from cylinder, emergency safety kit may be used for stoppage of leakage
- If leakage is from pipeline or equipment, supply from cylinder should be cut off.
- The leaked ammonia may be dissolved in water by application of water spray.
- Creep close to the floor to take advantage of the lower concentration of the gas at that level as ammonia is lighter than air so it will rise up in the air.
- If necessary, help of Safety Manager and Security should be taken
- A water hose at the point of leakage will be of help in case of ammonia leakage.
- Doors & Windows may be opened and exhaust fans be started to remove the ammonia vapors.

7.5 SPILLAGE OF FLAMMABLE CHEMICAL

- The affected area should be evacuated and cordoned off immediately.
- Use appropriate PPE's while entering in the area.
- Heat and ignition source in the vicinity should be removed immediately.
- Keep Foam, CO₂ or DCP type fire extinguisher ready.
- Plug the leakage.
- Transfer the liquid a safe container.
- If there is any doubt, consult MSDS of particular solvent.
- Ensure that flammable material do not enter storm water drain
- If leakage is inside plant, exhaust fan may be started for early dissipation of vapor.
- Spilled material should be absorbed on dry sand or clay
- Contaminated sand or clay should be incinerated in Incinerator.



Note: Refer Annexure –II to know the inventory details of the hazardous materials.

7.6 FIRE OR LEAKAGE AT HYDROGEN CYLINDER STORAGE SHED

This plant essentially handles Hydrogen Gas hence the main potentials for disaster are gas leakage, fire and explosion is possible. The major leakages may lead to explosion but the risk to health & environment is relatively low. Various facilities provided in the plant besides routine fire fighting to handle the risks of fire & leakages are as follows:

7.6.1 HYDROGEN FILLING STATIONS

- In case there is any leakage of hydrogen from the flexible joint between Road Trolley and Filling station supply should be stopped by Main Control Valve at Trolley
- In case of fire, water must be poured on cylinder trolley & filling station.

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7.6.2 HYDROGEN CASCADE (2 NOS.)

- In case of any fire on hydrogen cylinder, all the inlet and outlet valve of the cylinder on fire should be closed immediately.
- Water spray system provided on both the hydrogen cascade storage shed should be started immediately additionally water monitoring to be directed on cascade storage shed.

7.6.3 AUTOCLAVE

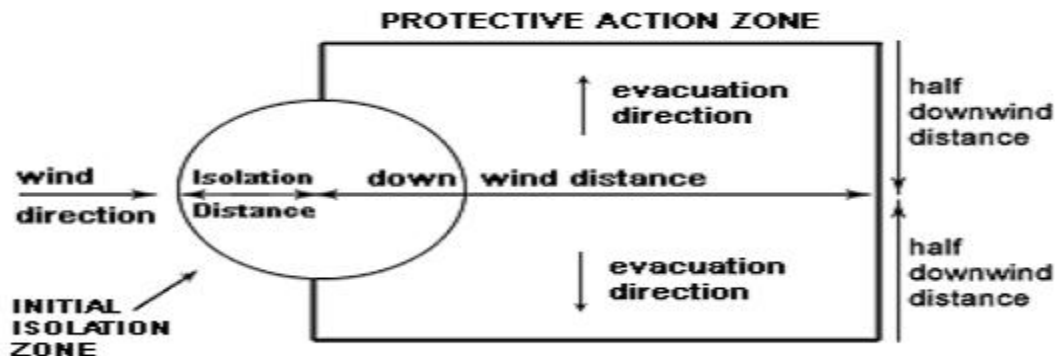
- In case of fire at Autoclave, its supply from Hydrogen cylinders to be cut off.
- Stop stirring.
- Open vent valve.
- Besides above measures, follow the routine fire fighting procedure.

Note: Refer Annexure –II to know the inventory details of the hazardous materials.

7.7 CHLORINE GAS CYLINDER

Besides general measures suggested in general precautions, following actions to be taken:

- The affected area should be evacuated and cordoned off immediately.
- Only trained & experienced personnel should approach the area using Self Contained Breathing Apparatus (SCBA) or Supplied Air type Hoods, Body Protective PVC overall, Hand Gloves Gum Boots. Etc.
- If leakage is from cylinder, emergency safety kit may be used for stoppage of leakage
- If leakage is from pipeline or equipment, supply from cylinder should be cut off.
- If necessary, help of Safety and Security should be taken
- Doors & Windows may be opened and exhaust fans be started to remove the chlorine fumes.



Note: Refer Annexure – II to know the inventory details of the hazardous materials.

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7.8 IN CASE OF PHOSPHOROUS OXYCHLORIDE (POCL₃) LEAKAGE/SPILLAGE

- The affected area should be evacuated and cordoned off immediately.
- Assess of the quantity of the leakage/spillages.
- Only trained & experienced personnel should approach the area using Self contained Breathing Apparatus or supplied Air type Hoods, body protective PVC overall, hand gloves, gum boots, etc
- Cover all spills with sufficient amount of sodium Bicarbonate.
- Traces on floor may be washed out with plentiful amount of water.
- Doors and windows may be opened and exhaust fans be started remove the vapors of phosphorous oxychloride.



Note: Refer Annexure –II to know the inventory details of the hazardous materials.

7.9 LEAKAGE / RUPTURE OF HYDROCHLORIC ACID / CAUSTIC / H.S.D TANKS

- Area should be evacuated immediately and cordoned off.
- Affected persons should be thoroughly washed using clean water and give necessary medical aid.
- Personnel entering the area should make use of suitable Personal Protective Equipment.
- Leaked tank should be depressurized immediately by transferring remaining quantity into another tank / container.
- Leakage source should be traced out and plugged.
- In case of H.S.D. do not bring heat source nearby
- If Possible spilled material should be contained in dyke and transferred into a container.
- If nor then the same should be observed on sand or earth.
- Sand/earth contaminated with acid/alkali should be first be neutralized then dumped at safe place.
- Sand/earth contaminated with oil should be burned in incinerator
- Absorbing in saw dust or other combustible material should be avoided.
- If spilled material gets into the trench of electric cables, it should be drained with natural gradient and washed with large quantity of water continuously de-energizing the first
- If spilled material gets into the storm water drain, it should be washed with large quantity of water and collected in Effluent Treatment Plant. The collected liquid should be either neutralized or oil layer should be removed manually.



Note: Refer Annexure –II to know the inventory details of the hazardous materials.

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7.10 ACTION TO BE TAKEN IN CASE OF HAZARDOUS WASTE LEAKAGE/SPILLAGE

- Personnel entering the area should make use of suitable Personnel Protective Equipment.
- Area should be evacuated immediately and cordoned off.
- Only trained and experienced person approach the area with give necessary medical aid.
- Affected persons should be thoroughly washed using clean water and give necessary. Leaked drum should be immediately transferred into mother drum / container.
- Or leakage's point should be traced out and plugged.
- Do not bring heat source nearby.
- If possible spilled material should be contained in dyke and transferred into a container. (Normally Hazardous Waste drums are kept on impervious flooring under DYKED area so as to accident leak/spill.)
- If not then the same should be absorbed on sand or earth Sand/earth contaminated with hazardous Waste should be first collected in specified drums then incinerated.
- If spilled material gets into the storm water drain. It should be washed with large quantity of water and collected in Effluent Treatment Plant. The collected liquid should be either neutralized or oil layers should be removed manually.



Note: Refer Annexure –II to know the inventory details of the hazardous materials.

7.11 MAJOR SPILLAGE / LEAKAGE

There are chances of major spillage / fumes in following areas:

- Ammonia at IBD –,IV, IX, XVIII,XIX,
- Organic solvents & its vapors at all the Production Buildings.
- Phosphorous oxychloride at IBD –IBD-XI, IBD-XIX, BD store
- Acid/ Alkali/ Fuel oil at storage tanks.
- Chlorine at IBD – 24, BD Store
- LPG at storage shed & Canteen



7.11.1 IN CASE, ANY PERSON NOTICES RELEASE & SPILLAGE OF TOXIC/FLAMMABLE SUBSTANCES FOLLOWING STEPS SHOULD BE TAKEN

- Personnel entering the area should make use of suitable Personnel Protective Equipment.
- Area should be evacuated immediately and cordoned off.
- Ensure that the spillage does not catch fire or enter storm water lines and help in arranging for housekeeping / other contract personnel to clean up the same.



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- Caution sign board “Caution! Hazardous Spillage” is displayed.
- Ensure that all energized equipment such as pumps, motors, reactor, mixing vessels equipment etc in the vicinity are switched off.
- Ensure that the cotton waste / Sand used for cleaning spillages is being disposed off in the scrap yard as per the procedure.
- Ensure that the collected spilled material is correctly identified and properly segregated.
- In case there are any casualties arrange to evacuate them.
- Arrange for fire fighting in the area in case of a fire occurs in the area.
- In case the spilled material entered storm water / effluent line then the shift in-charge shall immediately block the drainage line.
- The EHS manager / GM production upon reaching the site shall take appropriate steps to mitigate the environmental impact of the spillage / leakages.
- SOP No. S&E/062/2010 for Spill Prevention and Containment shall be referred for mitigation of environment impact.

7.12 ACTIONS TO BE TAKEN IN CASE OF FOOD POISONING

In case of suspected food poisoning or contamination of water, following guideline may be followed:

- Quickly ask the conscious casualty what has happened, remember that he may lose consciousness at any time.
- Immediately take action to prevent further distribution/use of contaminated food/water.
- Place the casualty in the recovery position.
- If conscious, give him plenty of fluids to drink.
- Do not induce vomiting.
- If consciousness is lost, follow the standard “Artificial Resuscitation Procedure.”
- If in doubt, arrange to shift hospital.
- Dispose off contaminated food & water after collecting the sample for testing & preventive action.



7.13 STRUCTURE COLLAPSE

- In case section is getting affected by structure collapsed, immediately stop all operations and deploy all available persons in removing the machinery / raw material / finished goods / packing material.
- Ascertain that there are no casualties and if there are then arrange to shift the same to hospital.
- Inform engineering personnel for isolation if required.
- Ensure that the report of the incident is sent in time to the concerned personnel.



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7.14 ACTIONS TO BE TAKEN IN CASE OF ANY FLOOD, HEAVY RAINS AND STORM

There is no history of flood in Ratlam. There are no major rains in nearby area, although there is no chance of flood in Ratlam.

Following actions are mention for the reference purpose only.

- In case section is getting affected by flood, immediately stop all operations and deploy all available persons in removing the machinery / raw material / finished goods / packing material so that they are not affected by flood.
- Inform engineering personnel for isolation if required.
- Housekeeping department in consultation with HR department to ensure dewatering. Arrangement of portable dewatering pumping may be done, if required.
- Store in charge in coordination with the security department to ensure that the raw materials/ finished goods pallets are fully covered and properly tied with tarpaulin.
- If required, finished goods and raw material shifting from the area that is flooded to be carried out under the surveillance of the store in charge.
- All those not concerned, stay inside the strong and safe building till instructed by the authorized, keep the doors and windows closed.



7.15 EARTHQUAKE

Ratlam falls in a seismic zone with low portability for earthquake, although a crisis situation arising out of earthquake cannot be ruled out. It may be noted that the construction of most of the buildings are now seismic proof, however, following procedures should be adopted in case of a situation so demands to save life and property.

- Do not panic and keep calm. Employees to quickly evacuate to the nearest assembly point (in open area)
- Avoid using lift and staircase only be used for evacuation.
- All movements should be made along the main wall of the structure, if trapped should remain near the main wall of the structure or the main pillar.
- While searching inside building after earthquake, person should ask in loud and clear sound (" Is there any one need help") or can use Mega Phone for the same.
- Security department in consultation with HR Department should do the head count immediately at the assembly area and the number of trapped inside the building should be ascertained to effect evacuation after the tremor.
- On declaration of emergency, evacuate people to a safe location and arrange to take head count.
- Shut down the whole plant in case of emergency declaration.



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- After the emergency is over, clearance from plant engineering manager to be obtained for restarting the section / plant.
- Concerned outside agencies for appropriate aid to be contacted at the earliest.

7.16 ACTIONS TO BE TAKEN IN CASE OF TERRORIST ATTACK

- The employees should not get panic and remain inside the building. Close all windows and doors.
- Evacuation should never be considered, unless a major fire has erupted and evacuation is inevitable.
- Effect immediate rescue and treatment. Provide proper communication and controlled guidance.

7.17 BOMB THREAT

Usually bomb threats come in anonymous telephone calls, although they could be mailed or surreptitiously hand delivered.

If a bomb threat is received during office hours it should be reported immediately to the company incident controller, AGM Admin and HR , who in turn should inform the Managing Director confidentially and immediately.



If a bomb threat is received after office hours, Shift In Charge should immediately contact the GM – Production and Admin and HR who will take the appropriate action, including informing the employees.

As soon as it is clear that the caller is making a bomb threat, you should get the full message precise and also listen for clues as to:

- The caller's sex and approximate age
- Noticeable condition affecting speech, such as drunkenness, laughter, anger, excitement, incoherence
- Peculiarities of speech, such as foreign accent, mispronunciation, speech impediment, tone and pitch of voice
- Background noises audible during the call, such as music, traffic, talking and machinery

When the caller has given his message, try to keep him in conversation. Ask if you can repeat the message so that you can be sure of having understood it. The following are key questions that should be asked, if possible, after the caller has given the message

- Where is the bomb located?
- What time will it explode?
- What does it look like?
- When was it placed?

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- Who are you?
- Where are you?

Note: In situation of any on-site emergency, contact list for key persons should be displayed in several places so that help/guidance can be sought from them.

7.18 ENVIRONMENTAL EMERGENCIES

Ipca Ratlam has a fully operational Zero liquid Discharge Facility consisting of Effluent Treatment Plant (ETP), Reverse osmosis Plant (RO), Mechanical Vapour Recompressor Evaporator (MVRE), Multiple Effect Evaporator (MEE), Decanter/Mono Belt Filter press with sufficient storage capacity at each stage . Pollution control equipments/units remain operational during all likely Environmental Emergencies.

Below table contains the type of Environmental Emergencies that can take place and mitigation/response plan to overcome/contain the emergencies:

Sr. No	Type of Emergency	Mitigation Action/Response
	Sudden Increase in Hydraulic Load to Effluent Treatment Plant	<ul style="list-style-type: none"> ➤ Though it is not possible as Effluent generation is directly linked with water consumption which is monitored and controlled on daily basis. ➤ Water consumption if extremely higher in certain plant/Area is controlled after discussion with concerned HOD and Unit Head. ➤ Review / control raw water supply to plants if required. ➤ Use 1000 kl of storage Space at ETP for such higher Hydraulic loads if any. ➤ Use Effluent Treatment plant additional capacity (900 kl/day against 600 Kl/day on an average generation) to absorb increased hydraulic load.
	Sudden Increase in Organic Load to Effluent Treatment Plant	<ul style="list-style-type: none"> ➤ Identify the source of High COD, notify to concern to stop discharge of high COD effluent and collect separately further treatment as per characteristic. ➤ Regulate flow to accommodate high COD. ➤ Use of additional Aeration tank capacity for processing of wastewater. ➤ Effluent Treatment Plant is designed to take almost double organic Load as compared to current levels. ➤ Even though the Effluent treatment plant is adequate enough to take care of any shock loads, still in case of slightly poor quality of treated effluent, RO units are designed considering worst case feed scenario.
	Failure of Effluent Transfer Pumps or Aeration System	<ul style="list-style-type: none"> ➤ Use of standby aeration system and pumps to continuous functioning. ➤ Notify concern engineer to organise repair & maintenance of

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		main system / pump.
	Breakdown in Reverse Osmosis Units	<ul style="list-style-type: none"> ➤ Divert the flow to standby Reverse Osmosis Unit of 400 m³/day capacity is available in case of extended shutdown. ➤ Sufficient Storage Capacity of 1030 kl for storing the feed is available. ➤ Notify concern engineer to organise repair & maintenance RO unit. ➤ Use of critical spare parts inventory .
	Breakdown in Mechanical Vapour Recompressor Evaporator (MVRE)	<ul style="list-style-type: none"> ➤ Notify concern engineer to organise repair & maintenance of MVRE unit. ➤ Use of storage capacity for storing the feed for 3 days. ➤ Use of critical spare parts inventory ➤ Feed can be diverted to ETO or MEE plant in case of extended shutdown.
	Breakdown in Multiple Effect Evaporator (MEE)	<ul style="list-style-type: none"> ➤ Notify concern engineer to organise repair & maintenance of MEE unit. ➤ Use of storage capacity for storing the MEE feed for 3 days. ➤ Use of critical spare parts inventory . ➤ In case of extended shut down, effluent can be diverted to ETP.
	Sludge handling Systems Decanter and Mono Belt (one system will act as stand by to the other)	<ul style="list-style-type: none"> ➤ Notify concern engineer to organise repair & maintenance of MEE unit. ➤ Start standby system (either Decanter or Mono belt) available to continue operation.
	Power Failures for more than 2 hours	<ul style="list-style-type: none"> ➤ Notify to electrical department to start dedicated DG for alternate power. ➤ In case of any failure of internal DG, electrical to organise outside DG set.

Very Important: In case of extreme emergencies, decision on slowdown or stoppage of production shall be taken in consultation with Unit Head and concerned production plant HOD.

7.19 OFF-SITE EMERGENCY

Any Off-Site Emergency will be handled as per Off-Site Emergency Plan prepared by Local Authority.

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8 DETAILS OF THE FIRE FIGHTING FACILITY

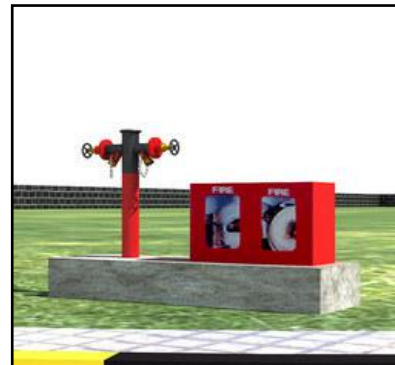
8.1 FIRE PROTECTION SYSTEMS

These systems are provided to protect the plant by means of different fire protection facilities and consist of

- Hydrant system for exterior as well as internal protection of various buildings/areas of the plant.
- Portable extinguishers and hand appliances for extinguishing small fires in different areas of the plant.
- Water cum foam monitorare provided in bulk fuel storage area.
- Fire water pumps.
- Two (2) independent motor driven pumps each of sufficient capacity and head are provided for the hydrant systems which are capable to extinguish Fire or cooling purpose.

8.2 HYDRANT SYSTEM

Adequate number of fire hydrants and monitors are provided at various locations in and around the buildings and other plant areas. The hydrants are provided on a network of hydrant mains drawing water from the hydrant pump, which starts automatically due to drop of pressure in the event of operating the hydrant valves.



8.3 HYDRANT PUMP DETAILS

Sr. No	Pump	Driven By	H.P	RPM	Head	Capacity
1	Electrical (main)	Electricity	150	2961	90M	76 LPS
2	Diesel	Diesel Oil	120	1800	90 M	76 LPS
3	Jockey	Electricity	15	2900	70 M	03 LPS
4	Jockey	Electricity	15	2900	70 M	6.6 LPS

8.4 TANK CAPACITY

Sr. No.	Tank	Capacity
1	Fuel	500 Liters
2	Water	600KL
3	Priming	1000 Liters

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8.5 HYDRANT SYSTEM FACILITIES

Sr. No.	Hydrant System	Nos. (Approx.)
1	Single Hydrant	272
2	Double Hydrant	02
3	Water/Foam Monitor	07/23
4	Fire Hose Box	244
5	Fire Hoses	400

8.6 FIRE TENDER

Fire Tender would be stationed at near the safety office with the water capacity of 3KL & portable foam monitor on the top and round the clock-fireman cum driver would be made available for emergency. However, the other fire fighting equipments, monitors, portable extinguishers of the company also would be available for emergency services.

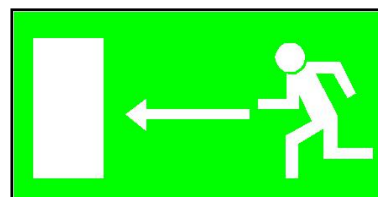


8.7 FIRE EXTINGUISHERS AND OTHERS

Sr.No.	Particulars	Nos.
1	Fire Extinguishers (Foam/DCP & CO2)	1220
2	AFT Type Fire Extinguishers	001
3	Eye Wash safety shower	164
4	Fire Ball	10

8.8 EMERGENCY ESCAPES

The objective of the emergency escape is to escape from the hazardous locations, to the nearest assembly point or the other safe zone, for rescue and evacuation.



8.9 WIND SOCK

Wind socks for knowing wind direction indication would be provided at a suitable location to visible from many locations. Wind sock has been provided at five locations as below:
 IBD-I, IBD-IV, IBD-IX Column, IBD-X, IBD-XIV, IBD XX column, IBD-XXI Column, FDC-III, IBD-XVB, MEE Plant, New Injection Plant & IBD-XXII



In case of any fire or toxic release (any emergency) person has to watch the direction of the wind and run opposite in direction to reach nearest assembly point or any other safe place.

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8.10 ASSEMBLY POINTS

Wherever any emergency is declared, employees are required to assemble at either of the following two locations, as per the decision of the Unit Head / Production Manager / EHS Manager or in – charge.

Description of the emergency assembly points identified to assemble in case of emergency is as under:



LIST OF ASSEMBLY POINT

Sr.No.	Location	Point No.
1	Near Gate No. 1(Garden Area)	Assembly Point No. 1
2	Behind BSR Godown (Near two Wheeler Stand)	Assembly Point No. 2
3	Near Canteen (In Front of Underground Solvent Yard)	Assembly Point No. 3
4	Near IBD- XVIII (Garden Area)	Assembly Point No. 4
5	In Front of Fabrication Area (Garden Area)	Assembly Point No. 5

Assembly Point No. 1

In Front Of Formulation (Near gate No. 1(Garden Area))

Normally the wind direction of the area is either West to East or North – West or South – East. Hence this is the ideal location for assembling the masses. Moreover, Emergency Control Center, Main Gate, First Aid Center and canteen is very close and it is away from the plant area.

Assembly Point No. 2

Behind BSR Godown (Near two Wheeler Stand)

If due to sudden change in the wind direction, wind blows towards Main Gate No. 1, all employees are required to assemble at open ground located at back side of the BSR Godown p, if required, Employees are supposed to rescue form the Gate No. 3.

Assembly Point No. 3

Near Canteen (Front of Underground Solvent yard)

If due to sudden change in the wind direction, wind blows towards Main Gate, all employees are required to assemble at open ground located at behind towards IBD XIV If due to sudden change in the wind direction, wind blows towards Min Gate / Canteen side, all employees are required to assemble at open ground located at back side of the plant at new land near Gate No. 04.

Assembly Point No. 4

Near IBD- XVIII (Garden Area)

Another Assembly Point No. 4 is added in open area near IBD XVIII to assemble employees. If required factory gate No. 5 can be used for the rescue purpose.

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Assembly Point No. 5**In front of Fabrication Yard (Garden Area)**

Another Assembly Point No. 5 is added in open area near Engineering Store. If due to sudden change in the wind direction, wind blows towards Main Gate, all employees are required to assemble at open ground located at in open area near the Engineering Store to assemble employees.

Note:

Each assembly point used during the emergency should be manned by a nominated person of the personnel department to record the names and department of those reporting there; this information should be communicated to the Main controller without delay.

9. PERSONAL PROTECTIVE EQUIPMENT IN PRACTICE

9.1 SELF CONTAINED BREATHING APPARATUS (SCBA) set has been made available at following location for any emergency use like handling of toxic gas/ vapor, fire smoke etc. SCBA should be used by well trained & experienced person to avoid any operation failure & further risk to human life.

LIST OF SCBA APPARATUS

Sr. No.	Location Name	No. off
1	IBD-I	1 No.
2	IBD-IV	1 No.
3	IBD-IX	1 No.
4	IBD-X	1 No.
5	IBD-XII	1 No.
6	IBD-XV	1 No.
7	IBD-XV-B	1 No.
8	IBD-XVII	1 No.
9	IBD-XIX	1 No.
10	IBD-XX	1 No.
11	IBD-XXIII	1 No.
12	IBD-XXIV	1 No.
13	MEE	1 No.

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14	Old BD Store	1 No.
15	New BD Store	1 No.
16	Gas Cylinder Area	1 No.
17	Hydrant Room & Fire Tender	4 No.

9.2 PERSONAL PROTECTIVE EQUIPMENTS

It has been provided to the employees as per the requirement. Adequate inventory of both respiratory & non-respiratory PPE'S is maintained. These PPE'S are kept at easily approachable strategic locations for use in case of any emergency:



- List of required PPEs for each area/operation has been developed and the required PPEs are made available to the workers.
- Safety Department and the workers are consulted in the selection of PPEs
- Workers have been trained in proper use of PPEs
- Arrangements for the safe custody and storage of PPEs are provided
- Regular inspections and replacement, if required, of all PPEs is done.

LIST OF PPEs

Sr. No.	Name of the Item
1	Safety Helmet
2	Safety Goggles
3	Safety Belt
4	Half Face Cartridge Masks
5	Full Face Cartridge Masks
6	Spare Cartridges- Ammonia, Acid, Organic and Multipurpose
7	Ear Muffs/ Ear Plugs
8	Full Face Air Supplied Masks
9	Dust Masks
10	Chemical Resistant Apron
11	Chemical Resistant Hand Gloves
12	Cut Resistant Hand Gloves
13	Heat Resistant Hand Gloves
14	Surgical Hand Gloves
15	Chemical Resistant Full Body Suit
16	Safety Shoes

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17	Gum Boots
18	Face Shield
19	Fire Fighting Suit (Hydrant)
20	Powered Air Purifying Respirator (PAPR)

10. EMERGENCY FACILITIES

10.1 EMERGENCY SHUTDOWN

Sudden stoppage of work or failure in energy distribution system due to a serious breakdown would cause severe potential risks to the plant as well as surroundings, therefore has to be dealt with a high degree of technical competency by the plant personnel. The actual would depend on the real cause of the stoppage and the state of interrupted operations.

Process shutdown may only be under taken as per the specific route and stage of reaction mixture and parameters expressly ordered by Plant In- charge of production. In case the course of the reaction deviate from normal, process stoppage has to be undertaken and under such a situations safety takes absolutely priority over yield and output.

A few guidelines are furnished below to give desired direction to the actions which would have to be taken:-

- All the charging valves into the equipment must be checked to ensure that they are closed.
- All the valves on heating side must be checked to ensure that they are closed.
- As far as possible utility services to be made available to bring interrupted operation within safe and stable stages.

10.2 EMERGENCY CONTROL CENTRE (ECC)

Telephone Operator Room at 1st floor or Unit head office or Security office at Mhow-Neemuch Road, It is a location, where all key personnel like Site Controller; Incident Controller etc. can assemble in the event of onset of emergency and carry on various duties assigned to them.

This is the place from where the operations to handle the emergency are directed and coordinated. It will be attended by the WORKS MAIN CONTROLLER, KEY PERSONNEL, THE SENIOR OFFICER OF THE FIRE AND POLICE SERVICES ETC.

10.3 FACILITIES MAINTAINED AT EMERGENCY CONTROL CENTRE (ECC)

The following facilities and information would be made available at the ECC

- Latest copy of Onsite Emergency Plan and off sites Emergency Plan (as provided by District Emergency Authority).
- Intercom Telephone.
- P&T Telephone.
- Telephone directories (Internal, P&T)
- Factory Layout, Site Plan

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- Plans indicating locations of hazardous inventories, sources of safety equipment, hydrant layout, location of pump house, road plan, assembly points, vulnerable zones, escape routes.
- Location of safety equipment storage.
- Assembly points, casualty treatment center.
- Areas evacuated
- Hazard chart.
- Emergency shut-down procedures.
- Nominal roll of employees.
- List and address of key personnel
- List and address of Emergency coordinators.
- List and address of first aides.
- List and address of first aid fire fighting employees,
- List and address of qualified trained persons.
- Internal hydrant system
- Portable extinguishers

10.4 EMERGENCY OCCUPATIONAL HEALTH CENTER

- Occupational Health center at ground floor at administration building near canteen, houses on “M.S. Doctor and male Compounder in general shift. Otherwise also trained ambulance driver cum first aider’s are available in each shift.”
- Besides 107 nos. of FIRST AID STEWARDS trained by St. John Ambulance of India are working in the factory. Out of which at least 15-20 are available in each shift.
- All employees are given training once in year for first aid by OHC incharge /Doctor.
- All likely useful medicines along with oxygen cylinder are available here.
- The record for the blood group of individual employee is also available in the FIRST AID CENTER. In emergency, if blood is required, the same list can be referred.
- The factory has also arrangement with the out side hospital for getting consulting services for employees and in case of an emergency injured can be directly admitted there.

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10.5 FIRST AID MEDICAL FACILITIES.

The company has provided “First – AID” boxes at Plants/Dept.. Following are the contents of First aid.

- Tincture Benzoin 20 ml.
- Antiseptic Cream (ointment)
- Sterilized cotton wool.
- Band-aid.
- Antiseptic Solution
- Paracetamol tablets.
- Iodex.
- Pair of scissor.
- Roller bandage 2”
- Sterile guaze pad
- Dusting powder
- Adhesive plaster
- Sterile eye pad
- Cotton buds
- D/gloves

First Aid Instruments at OHC .

- a. Pulse Oxymeter
- b. Nebulizer
- c. ECG machine
- d. Glucometer
- e. Oxygen Cylinder
- f. Oxygen Concentration Machine
- g. Digital Blood Pressure Machine
- h. Cardiac Monitor

10.6 EMERGENCY TRANSPORT.

Emergency Ambulance is stationed near OHC and round the clock-driver would be made available for emergency transportation of injured etc. However, the other vehicles of the company also would be available for emergency services.



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Ipca got two ambulances out of that one is equipped with all facilities required during transportation of patient.

11. DUTIES OF KEY PERSONNEL:

Once the alarm is raised, the work emergency procedure will be activated. As part of them nominated key personnel will have specified responsibilities. They should appoint their deputies to act in their absence or incapacity. The scope of individual responsibilities is specified on following pages:

11.1 THE WORKS MAIN CONTROLLER

Factory Manager or General Manager is consultation with Manager, EHS

- He should go to the Emergency Control Center as soon as he is aware of the emergency and take over whoever is deputing for him. His duties include :
- Get complete information of incident.
- Remain there and try to establish contact with the incident controller and ask him about help he may be needing to tackle emergency
- Guide him about the actions to be taken
- If required call in key personnel and outside services like Fire Brigade, Doctor(s), Ambulance, Water Tankers, Police, etc.
- Establish communication and liason with agencies.
- Guide and control the traffic movement in the works.
- Ensure that the casualties are attended to.
- Ensure that the relatives of casualties are informed.
- Arrange the personnel to be relieved in time and ensure that they are provided with food and drink.
- Main controller shall instruct to HR to communicate neighboring community through Megaphone with the help of Sarpanch about emergency & required action in accordance.
- Control the clean up and rehabilitation of affected areas after the emergency.
- Inform Head Office about the emergency and action taken to overcome it.

11.2 EHS MANAGER

- Proceed to the scene of incident
- Assess the situation and guide Supervisor and others in containing the situation.
- Liase with the Main Controller, Incident Controller, Security Officer and Emergency Control Room in fire fighting operations, evacuation procedure and cordoning off the areas and other measures depending upon the situation.
- Inform works Main Controller regarding progress of the situation and give technical guidance from safety point of view as may be warranted.
- Liase with outside agencies like fire brigade, ambulance etc.
- Investigate cause of incident and make a preliminary report with the practical remedial measures to prevent similar emergencies / incidents.
- Initiate a draft of report to be sent to Government Departments.
- Liaison with Factory Inspector with the permission of Main Controller.

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11.3 THE INCIDENT CONTROLLER

- Production Manager / Manager – Engineering / Plant In Charge – Supervisor.
- One hearing of emergency, he should rush to the accident site and take charge of over all situation.
- Assess the size and nature of emergency
- Decide if major emergency existing or is likely to happen.
- Inform the works main controller about the gravity of the situation and required ask for help.
- Direct all operations within the affected area with the priority for safety of personnel. Minimize damage to the plant, property and environment.
- Direct the shutdown and evacuation of plant and areas likely to be adversely affected by the emergency.
- Ensure that all key personnel and outside help is called in and reach the spot.
- To ensure timely rectification of unsafe conditions which caused the emergency.
- To ensure that the endangered area is isolated by shutting doors and windows.
- Collect all relevant information. Arrange for photographs if necessary and submit his report.

11.4 ENGINEERING DEPARTMENT

- Engineering – In – Charge & Electrician should report to Supervisor / Incident Controller
- If required isolate power supply and other utility services, specially hot oil and steam supply
- If required arrange for alternative power sources i.e. D.G
- They will try their level best to ensure that chilled water, brine and phenamatic supply remains normal in emergency.
- Be near accident spot to assist incident controller.

11.5 PERSONNEL DEPARTMENT

- Report at assembly point at emergency control center and follow the instruction of works main controller
- To take roll call at assembly points and identify missing personnel.
- Inform incident controller and works controller of missing
- To ensure those casualties receive adequate attention and are hospitalized. Inform their relatives.
- Initiate action to inform statutory authorities as may be directed by the main controller.
- Liase with Government department officials with permission of works main controller.

11.6 ENVIRONMENT DEPARTMENT

- Proceed to the scene of incident
- Assess the situation and guide Supervisor and others in containing the situation.
- To ensure that emergency is confined in restricted zone.

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- Liase with the main controller, incident controller, security officer and emergency control center room in fire – fighting operation, evacuation procedure and cordoning off the area, and other measures depending upon situation.
- Inform works main controller regarding progress of the situation and give technical guidance from Environment Department point of view as may be warranted.
- Initiate a draft of report to be sent to Pollution Control Board
- Liase with Pollution Control Board Authorities with the permission of works main controller.

11.7 SECURITY DEPARTMENT

- Once hearing an emergency call, he should immediately rush to the spot along with guards.
- One guard to remain at the gate to control entry traffic and attend the calls.
- Only company officials to be allowed in. No visitor except fire brigade, doctor, police and other government officials to be allowed inside.
- Help in extinguishing fire, evacuation of trapped employees and cordoning off the accident site.
- Help in shifting of injured to the hospital by arranging the transport.
- Search the area of casualties.
- Post a guard at accident site in order to prohibit unauthorized entry and see that area in undisturbed till the investigation is over.
- Liase with police authorities with the permission of works main controller
- Keep main gate and approach road clear so that if outside emergency vehicle are needed, the road will not be blocked.

11.8 PLANT SUPERVISOR

- Inform the senior official immediately
- Seek help from security and safety department.
- Assess the situation and order general evacuations.
- Rescue persons trapped / injured and arrange for their First aid
- Shut down plant in safe manner after consulting main incident controller and try to control emergency
- Ensure that steam is closed cooling system is on, the vacuum is broken and all input valve have been closed.
- Direct fire fighting team about causes of fire and about the areas where water can not be applied
- Record all evidence.
- Be in control of situation till senior officials arrive, submit detailed report to them
- Co – ordinate with security and personnel department in roll call and timely shifting of injured to hospital
- Send duly filled in department accident form to safety and personnel department

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- Supervisor of the building / department should ensure that the all trained fire fighting ad first aider go to the endangered building and all employees are present their respective work place
- Be in touch with the supervisor of the endangered building for any assistance needed by them.

11.9 FIRE FIGHTING

- Personnel trained in fire fighting operation should reach the accident spot immediately.
- Determine the cause of fire and accordingly use suitable fire extinguishers to extinguish the fire.
- Do not allow others to come near the fire
- Adopt laid down procedure for fire fighting and evacuation purpose

11.10 FIRST AID TRAINED PERSONNEL

- Personnel trained in first aid procedure should reach the accident spot immediately
- Identify injured and help in evacuating operation
- Assess the cause and nature of injury
- Give first aid accordingly
- If condition is serious accompany them to hospital as may be directed

11.11 CONTRACTOR

- If accident is within your area of work, stop all work and report to the gate office.
- Take a roll call your workers and inform security and personnel department immediately if any person is missing

11.12 VISITORS

Infrequent visitors are registered on each visit. They will be given a Visitors pass which includes an emergency action statement. The responsibility for visitors in emergency situation rests with the person being visited.

11.13 GENERAL MASS

- If the danger is not in your building and you are not trained either in first aid or fire fighting keep doing your own job (over crowding may endangered building)
- If danger exist in some corner of your building and you are not trained either in fire fighting or first aid stop / close your reactor or machine as per SOP and assemble at specified safer zone. Stay there till the clear siren is given

11.14 TELEPHONE OPERATOR

- On hearing emergency siren the operator. If available should not leave EPBX room and will inform the concerned authorize about emergency.

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Annexure Section		
<u>Annexure List</u>		
SR.NO.	Annexure	Details
1	Annexure-I	Contact details of the identified personnel
2	Annexure-II	Maximum Inventory Details (Hazardous Substances)
3	Annexure-III	List Of Fire Fighters
4	Annexure-IV	List of The First Aider
5	Annexure-V	List of Emergency Injections & Medicines
6	Annexure-VI	List of Antidotes
7	Annexure-VII	Particulars of The occupiers & The Factory Manager
8	Annexure-VIII	Layout plan of the Factory with emergency control center & Assembly Points.
9	Annexure-IX	Layout Plan of hydrant system
10	Annexure-X	Situations Procedures for First Aid
11	Annexure-XI	List of hazardous chemical with preventive action for storage and handling.
12	Annexure-XII	Details of manufacturing process with flow chart.
13	Annexure-XIII	List of fire Extinguisher
14	Annexure-XIV	All licenses attached.

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Annexure- I

CONTACT DETAILS OF THE IDENTIFIED PERSONNEL

Sr. No.	<u>MAIN CONTROLLER :</u>	<u>INTERCOM</u>	<u>MOBILE</u>
1	Dr. Arun C. Karmakar V.P.- Operations	8002	9201983003
2	Mr.Shrikant Pande- GM (Pharma)	8097	9329685345
3	Mr. Bhavesh Trivedi V.P.-EHS (Corporate)	8321	9300036263
<u>INCIDENT CONTROLLER :</u>			
4	Production / Area Incharge of concerned Plant / Dept.	-----	-----
5	Mr. Rajesh Jain, H.O.D (Engg.-API)	8164	9303277960
6	Mr. Rakesh Tiwari - H.O.D (Engg.- Pharma)	8111	9303277724
7	Mr. Indrasen Singh – H.O.D. (EHS)	8004	9300642111
<u>OTHER PERSONNEL IDENTIFIED TO PERFORM THE DUTIES :</u>			
8	Mr. Dinesh Siyal V.P. (Comml. & Admin.)	8003	9303277703
9	Mr. Nitin Tiwari- Sr.GM- (QA)	8244	9329015167
10	Mr. Afzal Khan Sr. Mgr (PCE Lab.)	8578	93009 19992
11	Mr. Dhanaballan U.- GM (QC)	8649	9303664110
<u>SECURITY</u>			
12	Mr. Parthasarthi Nanda- Mgr.	8100 / 8076	9907850606
<u>EHS</u>			
13	Mr. Indrasen Singh - AGM (EHS)	8004	9300642111
<u>OHC</u>			
14	Dr. Manish Gupta, Sr. Mgr.	8023	9926149999
15	Mr. Digamber Devgirikar- Exe.	8616	9301413637
<u>COMMERCIAL AND STORES</u>			
16	Mr. Surendra Singh AGM.	8207	9303981953
<u>ENGINEERING</u>			
17	Mr. Anand Gupta - DGM	8603	9329826771
18	Mr. Ajay Nagori, Sr. Mgr.	8060	9329059595
19	Mr. K.K. Ajmera, DGM	8363	9303277338
20	Mr. S. Murthy, DGM	8607	9300837670
21	Mr. Vikas Jain, AGM	8400	9300592424

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HR & ADMIN			
20	Mr. Niraj Saxena- GM	8500	9300212348
21	Mr. Rajesh Harode- Manager	8380	9201983001
22	Mr. Naresh Pathak - AM	8080	9300596114
23	Mr. R.K .Unithan - AGM	8201	9302246866
24	Mr. Anuj Singh - Officer	8430	9300131853

IMPORTANT TELEPHONE NO. FOR EMERGENCY SERVICES

01.	Police Control Room	07412-270473
02.	Police Station	07412-270460
	Industrial area	07412-270469
	Do Batti	07412-270467
	Namli	07412-269233
03.	Fire Brigade	101/07412-270563
04.	Ambulance	07412-279015
05.	Civil Hospital	102/ 07412-235750, 236102 / 235302
06.	CHL Apollo Hospital	07412 244882
07.	Mission Hospital	07412-235233
08.	Railways Hospital	07412-260532
09	Telephone Inquiry	197
10.	Railways Inquiry	131/139
11.	Roadways Inquiry	07412-233333
12.	M.P.E.B	07412-270515
14.	Water Sub Station	275825, 270564, 270079
15.	Water / Tankers (Transporter)	07412-230806, 270582
17.	Mr. Arvind Sharma Factory Inspector Ujjain	9009796972
18.	MPPCB Office	07342510984
19.	ESIC Office Ujjain	0731 2552747

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20.	Indian Oil Depot.	07412-262150
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LIST OF THE DOCTORS TO BE CONTACTED

Sr. No	Name of the Doctor / Hospital	Residential Address	Clinic Address	Contact No
1	Dr. Amit Shah Shah Hospital	Shah Nursing Home, 124, Katju Nagar, Ratlam	Shah Nursing Home, 124, Katju Nagar, Ratlam	Clinic-244797 Mobile-9993492706
2	Dr. Pragati Gupta Divya Jyoti Netralaya	-	80 feet Road, Ratlam.	Clinic-243900 Mobile-9111259003
3	Dr. Naresh Wadhvani Ratlam Hospital & Research Centre.	-	12, Shastri Nagar, Ratlam	Clinic-221919
4	Dr. Siddharth Subhedar Ashirwad Nursing Home.	-	55/56, Ved Vyas Colony Ratlam.	Clinic-230377

PATHOLOGY LAB

Sr. No	Name.	Address	Telephone No.
1	Sterling ACCURIS	15, Vedvyas Colony Ratlam	297458 / 231737
2	Dr. Manish Lodha Mukund Imaging & Diagnostics	8, Freeganj Road, Near Do batti, Ratlam.	224444, 408408 No 9630080408
3	Dr. Pulkit Khandelwal	31/01, Ajanta Talkies Road Ratlam.	23477/400557

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IMPORTANT TELEPHONE NUMBERS (INTERNAL)

NAME	Designation / Dept	MOBILE No.	Intercom No.
Dr. Arun C. Karmakar	V.P. - Operations	9915032162	8002
Mr. Dinesh Siyal	V.P. - Commercial	9303277703	8003
Mr. Bhavesh Trivedi	V.P. – Corporate EHS	9300036263	8321
Mr. Nitin Tiwari	Sr.GM - QA	9329015167	8244
Mr. Srikant Pande	GM - Formulation	9329685345	8097
Mr. Afzal Khan	Sr. Mgr. - PCE Lab.	9329777392	8384
Mr. Niraj Saxena	GM - HR & Admin	9300212348	8500
Mr. Dhannabaln U.	GM - QC	9303664110	8649
Mr. Rajesh Jain	GM - Engineering(API)	9300733446	8164
Mr. Rakesh Tiwari	GM- Engineering (Pharma)	9303277724	8111
Mr. Surendra Singh	AGM – Stores	9303981953	8207
Mr. Indrasen Singh	AGM - EHS	9300642111	8004
Dr. Manish Gupta	Medical Officer	9926149999	8023
Mr.Rajiv Jain	AGM Formulation	9303277973	8075
Mr.Parthasarathi Nanda	Manager, Security	9907850606	8100/8076
Mr. Adil Jafari	GM IBD-XVIII,XX,XXI, XVII	9303276316	8219
Mr. D. P. Yadav	GM-IBD-I,III, IV, VII,XI,XVI, XIX	9300475666	8241
Mr. Dinesh Shetty	DGM-IBD-II,IIE,V,XII,XIV,XV	7020240612	8676
Mr. Vishal Shah	DGM-VI,IX,XIII ,XXII	9687768861	8326
Mr. Achal Shukla	DGM - Production	9329566364	8444
Mr. Chandrashekhar Shinde	DGM - Formulation		8429
Mr. Manikandan PR.	AGM- IBD-XXIII,XXIV	9109176259	8161
Mr. Arun Agrawal	Manager-Liquid	9301754542	8744
Mr. Mohan	Care Taker - Guest House	07412230763	N.A

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Annexure- II

MAXIMUM INVENTORY OF HAZARDOUS SUBSTANCE

Sr. No.	NAME	CATEGORY	MAX. STORAGE CAPACITY	MODE OF STORAGE
1.	Acetone	F	80 KL	Underground tank
2.	Ammonia Gas	F.T.E.	1800 kg	Cylinder
3.	Chlorine	T,C	1000kg	Cylinder
4.	Acetic Acid	C,F,T	20 KL	Tank
5.	Cyclohexane	F,T	20 KL	Under Ground Tank
6.	Di – methyl formamide	F,T	12 Ton	HDPE Drum
7.	Epichlorohydrine	T,F	80 Ton	Tank and M. S. Drums
8.	Hydrochloric Acid – 33 %	T,C	80 KL	Above Ground tank
9.	Hexane	F,T	40 KL	Under Ground tank
10.	Isopropyl Alcohol	F	150 KL	Above Ground tank
11.	Isopropyl Amine	F,T	70 KL	Above Ground tank
12.	Methylene Chloride	T	100 KL	Above Ground tank
13.	Ethyl Alcohol	F,T	96 KL	Above ground tank
14.	Phosphorous Oxychloride	T,C	03 Ton	Plastic Carboys
15.	Sulphuric Acid	T.C.	12 Ton	Plastic Carboys
16.	Sodium Hydroxide Lye	C	22 KL	Aboveground tank
17.	Tetra Hydro Furan	F	05 Ton	M. S. Drums
18.	Toluene	F,T	80 KL	Underground tank
19.	Methanol	F.T	140KL	Underground Tank
20.	Hydrogen	F,E	1181.6 M3 (2 Cascade Vehicle).	Shed
21.	Nitrogen	Non-T,Non-F	1250 M3	Cylinder
22.	High Speed Diesel (HSD)	F	38.50KL	Above ground tank
23.	Furnace Oil	F	28.00KL	Above ground tank
24.	Liquified Petroleum Gas (LPG)	F	912 Kgs	Cylinder

C = Corrosive, F = Flammable, E = Explosive, T = Toxic, W = Water Reactive

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Annexure-III

List of Fire Fighters

S.No.	Name	Plant
1	MR. SHIVRAJ SINGH	IBD-I
2	MR.ISHWARLAL GEHLOT	
3	MR.KAMAL SINGH	
4	MR.KAMAL SINGH	
5	MR.G.L PARMAR	
6	MR. S.S. SHAKLAWAL	
7	MR. GOPAL SUND HWASA	
8	MR. BASANTILAL	IBD-II
9	MR. PREAM NARAYAN	
10	MR. JITENDRA SINGH RATHORE	
11	MR. ISHWARLAL RATHORE	
12	MR.SURENDRA SINGH	
13	MR. RAJU BHARTI	IBD-III
14	MR. SHYAMLAL PARMAR	
15	MR.AMIT OJHA	
16	MR.B.C PANDEY	
17	MR.TEJRAM	
18	MR.LOKENDRA THAKUR	
19	MR. MODSING	IBD-IV
20	MR. NARENDRA SINGH	
21	MR. PURALAL	
22	MR.DILIP	
23	MR.GOPAL	
24	MR. NANAD KISHORE	IBD-V
25	MR. SUMAN SINGH RATHORE	
26	MR.JAYANTILAL PATIDAR	IBD-VI
27	MR. RANJEET SINGH DABI	
28	MR. KHEMRAJ JOSHI	
29	MR.DINESH SHARMA	
30	MR.PRABHULAL YADAV	
31	MR PARMANAND MEWAD	

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32	MR KHUMAN SINGH	IBD-VII
33	MR KUNDAN SINGH	
34	MR.PAWAN KUMAR	
35	MR.MAHESH PRAJAPAT	IBD-VIII
36	MR.BAPULALA PATIDAR	
37	MR.NILESH JAISWAL	
38	MR.AMIT PATWA	IBD-IX
39	MR. RAM PR ASAD GOYAL	
40	MR.HEERA PURI	
41	MR. HUKMI CHAND SUNAIL	IBD-X
42	MR. R. G. SHRIVASTAVA	
43	MR.ANIL CHOPRA	
44	MR.SHIVRAJ SINGH	IBD - XI
45	MR.VIJAY SINGH RATHORE	
46	MR.GAURAV KOKAN	
47	MR.ROHIT PATIDAR	IBD-XII
48	MR. TEJRAM SUTHAR	
49	MR. RAMESHWAR SINGH	
50	MR. LAKHAN SINGH GOYAL	IBD-XIII
51	MR. JANKILAL	
52	MR. NUTAN SHARMA	
53	MR DEVENDRA JOSHI	IBD-XIV
54	MR.DILIP SHARMA	
55	MR.MUKESH RAO	
56	MR.MUJID REHMAN	IBD-XV
57	MR. VIRCHANDRA KATARA	
58	MR. GAJRAJ SINGH RATHORE	
59	MR.JEETENDRA SINGH CHAUHAN	IBD-XIV
60	MR.SHANTILAL CHAUHAN	
61	MR.RAMASHANKAR TRIPATHI	
62	MR. K.P.SINGH	IBD-XV
63	MR. MAHESH GIRI	
64	MR.NAND LAL MALI	
65	MR. LAKHAN SINGH	IBD-XV
66	MR,ARJUN PATIDAR	

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67	MR.VIJAY	
68	MR. SUSHIL KUMAR TIWARI	IBD-XV B
69	MR. BRAJMOHAN TYAGI	
70	MR. RANJEET KUMAR	
71	MR. PREM SINGH	IBD - XVI
72	MR.SAHAB SINGH	
73	MR. AJAY DWIVWDI	
74	MR. OMPRAKASH VYAS	IBD-XVII
75	MR. BHUPENDRA SINGH	
76	MR.LOKENDRA SINGH	
77	MR.HEERALAL MALVIYA	
78	MR.NANDRAM MALVIYA	
79	MR.DEEPAK KUMAR	
80	MR DATAR SINGH	IBD- XVIII
81	MR.PAWAN DEVDA	
82	MR.JAGDISH CHAND	
83	MR.BASANTILAL PARIHAR	
84	MR.NARENDRA SINGH	
85	MR.RAI SINGH	
86	MR. DILIP SINGH	IBD-XIX
87	MR. OMPRAKASH MALVIYA	
88	MR.HARISH BORASHI	
89	MR.SURYABALI SINGH	
90	MAHESH CHANDERIYA	
91	MR. RAI SINGH	IBD-XX
92	MR.DILIP SINGH	
93	MR.SURENDRA JHALA	
94	MR.AJAY SINGH	
95	MR. PRADIP DEVDA	
96	MR. YUSUF KHAN	IBD-XXI
97	MR. YOGESH PARMAR	
98	MR.HITESH CHAUHAN	
99	MR.S.R DADING	
100	MR. DALVIR SINGH	IBD - XXII
101	MR. RAJU PRAJAPATI	

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102	MR. DEVENDRA KHARE	
103	MR. BALRAM SINGH PANWAR	
104	MR.SAURABH HIWASE	
105	MR. KALU SINGH	
106	MR.TANVEER SINGH PANWAR	
107	MR.JITENDRA GURJAR	IBD-XXIII
108	MR. MEHARBAN SINGH	
109	MR.D.K DEVDA	
110	MR.RAJENDRA SINGH	IBD - XXIV
111	MR.DEEPANSHU GUPTA	
112	MR.B.S PANWAR	
113	MR.BASANTILAL	
114	MR.R.S.RATHORE	
115	MR.BHARAT LAL	LIQUID
116	MR.GOPAL	
117	MR.GHANSHYAM	
118	MR.DAULAT SINGH RATHORE	
119	MR.VISHAL KETHANIYA	
120	MR. PRAKASH	
121	MR.ASHISH BAIRAGI	INJECTION
122	MR. SHANKAR LAL	
123	MR. SANJAY YADAV	
124	MR GHANSHYAM SHARMA	
125	MR RANJEET SINGH	IX/COLUMN
126	MR RAVINDRA SINGH RATHORE	
127	MR.VIJAY LAL	FDC
128	MR.BHARAT SINGH	
129	MR. JASPAL SINGH PANWAR	PHARMA - UTILITY
130	MR.NARESH SINGH RAJORA	
131	MR.RAJIV K.P	BSR
132	MR.RITESH PATHAK	
133	MR.SATYANARAYAN	
134	MR.RADHESHYAM KHAMARIYA	
135	MR.RAJENDARA K TANK	TABLET
136	MR.N.JADHAV	

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137	MR.GOPAL SINGH GEHLOT	
138	MR..K DUBEY	
139	MR.MOHANLAL	
140	MR.SANDEEP GUPTA	
141	MR.SHRI KRISHNAN	QC(PHARMA)
142	MR.AJAY GOSWAMI	
143	MR.YOGESH	
144	MR.ANKIT PARMAR	QC(API)
145	MR.M.N BHATI	
146	MR.SUNIL LATTA	
147	MR.SUNIL PANCHAL	
148	MR.UMMED SINGH	ENGINEERING
149	MR.PRAVEEN SINGH	
150	MR. GANPATI GUPTA	
151	MR.PRATEEK JOSHI	
152	MR.KK AJMERA	
153	MR. KUNDAN PATHAK	IX / FDC
154	MR. NITESH PARMAR	
155	MR. B.S RAJCOT	
156	MR.MANGAL SINGH	

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Annexure-IV
List of the First Aider

S.No	Employee Name	Deptt
1	SAMRATH LAL PANCHAL	BD Store
2	Mr. Salim Khan	EHS - SAFETY
3	Mr. Priyansh Upadhyay	EHS - SAFETY
4	Mr.Navnit Kumar	EHS - SAFETY
5	Mr. Akhilesh Gayri	EHS - SAFETY
6	Mr. Prashant Pushkar	EHS - SAFETY
7	Mr. Satyendra Singh	EHS - SAFETY
8	JOGENDER SINGH	EHS - SAFETY
9	Mr.Mukesh Kumar	EHS (ENV)
10	Mr.Ghanshyam Singh	EHS (ENV)
11	Dinesh Katariya	EHS (OHC)
12	Vinod Verma	EHS (OHC)
13	RATANLAL REGAR	EHS (OHC)
14	MANGLESH MANDORA	EHS (OHC)
15	BALWANT SINGH SISODIYA	EHS (OHC)
16	VISHWAJEET SINGH CHOUHAN	EHS (OHC)
17	Mr.Rahul Gome	EHS (OHC)
18	Mr.Vivek Dwivedi	Engg.
19	Mr.Vijay Singh Chouhan	Engg.
20	ANAND KUMAR YADAV	Engg.
21	Mr. Omprakash Akodiya	Engg.
22	NARESH SINGH RAJORA	FGS API
23	RAJENDRA KUMAR KUMAWAT	HR
24	Mr.Jitendra Patel	HR
25	SHIVRAJ SINGH SAKTAWAT	IBD I
26	ISHWARLAL GEHLOT	IBD I
27	Mr.Pratap Singh	IBD I
28	Mr. Vijay Kumar Sharma	IBD I
29	GOVARDHANLAL SONRATI	IBD II
30	Mr. Shivraj Singh	IBD II
31	ISHRAT ALI	IBD II E

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32	Mr.Prashant Tak	IBD II E
33	PRAJAPATI SURESH KUMAR	IBD III
34	SHYAMLAL PARMAR	IBD III
35	Mr.Tejram Dharva	IBD III
36	NAREDRA SINGH SAKTAWAT	IBD IV
37	RAJESH KUMAR YADAV	IBD IV
38	Mr.Ashok Das Bairagi	IBD IV
39	Mr. Mahesh Kumar Patidar	IBD IX
40	Mr.Rajendra Tayawade	IBD IX/FDC
41	Mr. Bapulal Patidar	IBD IX/FDC
42	BADRILAL MALVIYA	IBD V
43	PANNALAL DADING	IBD V
44	PRABHULAL YADAV	IBD VI
45	NANDRAM BAGRI	IBD VI
46	KHEMRAJ JOSHI	IBD VI
47	JAGDISH CHANDRA PARMAR	IBD VII
48	ISHWARLAL PRAJAPAT	IBD VII
49	Mr.Navin Goud	IBD VII
50	KESHURAM MALVIYA	IBD X
51	Mr. Durgashankar Dhangar	IBD X
52	Mr. Anil Chopra	IBD X
53	KAILASH CHANDRA RATHORE	IBD XI
54	DEVENDRA KUMAR JOSHI	IBD XII
55	MAHENDRA SINGH SISODIYA	IBD XII
56	Mr.Deelip Sharma	IBD XII
57	Mr. Hriom Das Bairagi	IBD XIII
58	Mr. Mahesh Gujrati	IBD XIII
59	Mr. Vinod Kumar Padmawat	IBD XIII E
60	DILIP CHOUHAN	IBD XIX
61	SURESH JOGCHAND	IBD XIX
62	Mr. Kundan Singh Rajput	IBD XIX
63	Mr. Santosh Kumar	IBD XIX
64	Mr. Sundarlal Malviya	IBD XIX PPA
65	RAJESH KUMAR VERMA	IBD XV

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66	HEMANT KUMAR SHARMA	IBD XV
67	ARJUN CHOUHAN	IBD XV B
68	RANJEET KUMAR	IBD XV B
69	SHER SINGH CHOUHAN	IBD XVI
70	Mr. Prem Singh Rathore	IBD XVI
71	Mr.Saheb Singh	IBD XVI
72	PRABHURAM JARANDLA	IBD XVII
73	RAMESHWAR BAGARI	IBD XVII
74	Mr. Nandram Malviya	IBD XVII
75	LEELA SHANKAR PATIDAR	IBD XVIII
76	GOPAL SINGH TOMAR	IBD XVIII
77	Mr. Dinesh Panchal	IBD XVIII
78	Mr. Sunil Kumar Mishra	IBD XVIII
79	Mr.Sunil Kumar	IBD XVIII
80	DURGA SHANKAR NINAMA	IBD XX
81	PREAM SINGH RATHORE	IBD XX
82	RAJENDRASINGH PANWAR	IBD XXI
83	CHETAN SINGH SHAKTAVAT	IBD XXI
84	ISHWAR SINGH GOYAL	IBD XXI
85	Mr.Vaibhav Rathore	IBD XXI
86	Mr.Kishore Kumar	IBD XXI
87	Mr. Birendra Kumar Dubey	IBD XXII
88	Mr. Lakhan Singh Solanki	IBD XXII
89	SHANTILAL MALVIYA	IBD XXIII
90	Sourabh Upadhyay	IBD XXIII
91	Mr. Sohanlal Rathore	IBD XXIII
92	GOVIND SINGH RATHORE	IBD XXIV
93	Mr. Ankit Parmar	IBD XXIV
94	MR.Mathuralal	IBD XXIV
95	Mr.Vijay Sidana	Inp. QC
96	BASANTILAL PANCHAL	Liquid
97	MS.Pooja Gowsami	Prod.FRM
98	PRADIP PANCHAL	QA API
99	VIRENDRA SHARMA	QA API

Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL

100	Mr. Ganesh Giri	QA Pharma
101	Mr.Piyush verma	QA-Pharma
102	JITENDRA SINGH RATHORE	QC API Inprocess
103	KANHAIYALAL KUMAWAT	QC API Inprocess
104	Mr. Manoj Bhavsar	QC Farma
105	Mr. Ritesh Kumar Silawat	QC Farma
106	MAHESH KUMAR BATHAM	RM Store
107	Mr. Ajaysharma	RM/PM
108	Mr. Yogesh Chouhan	RM/PM store
109	BHUPAL SINGH KARKI	Security
110	Mr. H.S.Rathore	Security
111	Mr. Sanjeev Kumar Sharma	Security
112	Mr.R.K.mishra	Tab.Sec.Pkg.
113	MOHANLAL BANJARA	Tablet I
114	JAGDISH CHANDRA MALVIYA	Tablet Pkg.

Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL

Annexure-V
List of Emergency Injections and Medicines

Sr. No.	NAME OF MEDICINE	MINIMUM STOCK
	ANTI SPASMODIC	
1	Tab. Spasmak	500 tab.
2	Inj. Anaspas	20 amp.
	ANTI DIARRHOEAL	
3	Tab Lomofen	500 tab.
4	Tab Sporlac DS	500 tab.
	ANTACID	
5	Tab. Digene	500 tab.
6	Syp. Digene 100 ml	20 nos
	H2 BLOCKER	
7	Tab. Pantonix-D	500 tab.
8	Tab. Acera-D	500 tab.
	ANTI EMETICS	
9	Tab. Stemetil MD	500 tab.
	ANTI AMOEBIC	
10	Tab. Oflowin - OZ	500 tab.
	ANTI VERTIGO	
11	Tab. Vertin 8 mg	500 tab.
	EYE /EAR / nasal PREPARATION	
12	C.M. eye Applicab	50 nos.
13	Ciplox Eye Drops 10 ml	50 nos.
	ANTIBIOTICS	
14	Tab. Zib-200	500 nos
15	Tab. Azifast-500 mg.	500 nos
	STERIOD / ANTIHISTAMIN	
16	Tab. Cetrazine 10 mg	500 tab.
17	Tab. Wysolone20	500 tab.
18	Inj. Avil 2 ml	20 amp.
19	Caladryl Lotion	20 nos
20	Sperlotion 100 ml	100 nos
21	Tab. Derriphylline- R	500 tab.
22	Oint. Clowin GM	100 nos
	ANTIFUNGAL	
21	Tab. Fluowin	500 tab.
	ELCTROLYTES	
22	Walyte (ORS)	100 nos
23	Glucose Powder 100mg	20 nos
	ANALGESIC	
24	Tab. Pacimol 650mg	500 tab.
25	Tab. Zerodol-MR	500 tab.
26	Oint. Iodex 20 gm	100 nos
27	Pain relise Spray	20 nos
28	Inj. Dynapar AQ1ml	20 amp.

Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL

ANTI COLD		
29	Tab. Sneeza PM	500 tab.
30	Tab. Tus –Q Longes	500 tab.
DRESSING		
31	Oint Burnosafe 175 mg	05 nos.
32	Oint Winodine 15 gm	100 nos
33	Oint Nadoxin 10 gm	20 nos
34	Inj. Tetnus toxide 0.5 ml	20 amp.
35	Wokadine Solution 100 ml	02 nos
36	Sevlon 50 ml	100 nos
37	Spirit 4500 ml	01 nos
38	Glycerine 400 mg	01 nos
39	Cotton Bandage 6 “	25 pkt.
40	Band aid	500 nos
41	Inj. Strelie Water 10ml	20 amp.
42	I/V Set	05 nos.
43	Hydrogen peroxide 400ml	01 nos
EMERGENCIES MEDICINE		
44	Tab. Sorbitrate	50 nos.
45	Tab. Depin 5 mg	50 nos.
46	Inj. Primacort 400 mg	20 nos
47	Inj. Phenargan 2ml	20 nos
48	Inj. Dextose 25 ml	20 nos
49	Inj. Epsoline 2 ml	20 nos
50	Inj. Atropin 1 ml	20 nos
51	Inj. Adrenaline 1 ml	20 nos
52	Xylocain 2% 30 ml	02 nos
53	Inj. Deriphyllin 2 ml	20 nos
54	Xylocaine jelly 30 gm	02 nos
55	DNS 400 ml	05 nos.
56	Dextrose 5%	05 nos.
57	Dextrose 25%	05 nos.
58	Ringar lacted 400 ml	05 nos.
59	Inj. Dexona 2ml	20 nos
60	Inj. Botropase	20 nos
61	Inj. Sodium-bi-carbonate 10 ml	20 nos
62	Inj. LORI	20 nos
63	Normal Saline	10 nos
MULTI VITAMIN		
64	Becozyme C Forte	500 tab.
65	Tab. Limcee	500 tab.
66	Tab. Caldol 500 mg	500 tab.
ANTI HYPERTENSIVE / DM		
67	Tab. Tenolol 50 mg	100 tab.
68	Tab. Losanorm-50	100 tab.
69	Tab. Atenolol AM -50	100 tab.
70	Tab. Calcheck-5	100 tab.
71	Tab. Atorva-150mg	100 tab.

Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL

Sr. No.	NAME OF MEDICINE	MINIMUM STOCK
	ANTI SPASMODIC	
1	Tab. Spasmak	500 tab.
2	Inj. Anaspas	20 amp.
	ANTI DIARRHOEAL	
3	Tab Lomofen	500 tab.
4	Tab Sporlac DS	500 tab.
	ANTACID	
5	Tab. Digene	500 tab.
6	Syp. Digene 100 ml	20 nos
	H2 BLOCKER	
7	Tab. Pantonix-D	500 tab.
8	Tab. Acera-D	500 tab.
	ANTI EMETICS	
9	Tab. Stemetil MD	500 tab.
	ANTI AMOEBIC	
10	Tab. Oflowin - OZ	500 tab.
	ANTI VERTIGO	
11	Tab. Vertin 8 mg	500 tab.
	EYE /EAR / nasal PREPARATION	
12	C.M. eye Applicab	50 nos.
13	Ciplox Eye Drops 10 ml	50 nos.
	ANTIBIOTICS	
14	Tab. Zib-200	500 nos
15	Tab. Azifast-500 mg.	500 nos
	STERIOD / ANTIHISTAMIN	
16	Tab. Cetrazine 10 mg	500 tab.
17	Tab. Wysolone20	500 tab.
18	Inj. Avil 2 ml	20 amp.
19	Caladryl Lotion	20 nos
20	Sperlotion 100 ml	100 nos
21	Tab. Derriphylline- R	500 tab.
22	Oint. Clowin GM	100 nos
	ANTIFUNGAL	
21	Tab. Flucowin	500 tab.
	ELCTROLYTES	
22	Walyte (ORS)	100 nos
23	Glucose Powder 100mg	20 nos
	ANALGESIC	
24	Tab. Pacimol 500mg	500 tab.
25	Tab. Zerodol-MR	500 tab.
26	Tab. Disprin	500 tab.
27	Oint. Iodex 20 gm	100 nos
28	Pain relief spray	20 nos
29	Inj. Dynapar AQ1ml	20 amp.
	ANTI COLD	
30	Tab. Sneeza PM	500 tab.
31	Tab. Tus -Q Lounges	500 tab.

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ON-SITE EMERGENCY RESPONSE MANUAL

DRESSING		
32	Oint Burnosafe 175 mg	05 nos.
33	Oint Winodine 15 gm	100 nos
34	Oint Nadoxin 10 gm	20 nos
35	Inj. Tetnus toxide 0.5 ml	20 amp.
36	Wokadine Solution 100 ml	02 nos
37	Savlon 50 ml	100 nos
38	Spirit 4500 ml	01 nos
39	Glycerine 400 mg	01 nos
40	Cotton Bandage 6 "	25 pkt.
41	Band aid	500 nos
42	Inj.Strelie Water 10ml	20 amp.
43	I/V Set	05 nos.
44	Hydrogen peroxide 400ml	01 nos
EMERGENCIES MEDICINE		
45	Tab. Sorbitrate	50 nos.
46	Tab. Depin 5 mg	50 nos.
47	Inj. Primacort 400 mg	20 nos
48	Inj. Phenargan 2ml	20 nos
49	Inj. Dextose 25 ml	20 nos
50	Inj. Epsoline 2 ml	20 nos
51	Inj. Atropin 1 ml	20 nos
52	Inj. Adrenaline 1 ml	20 nos
53	Xylocain 2% 30 ml	02 nos
54	Inj. Deriphyllin 2 ml	20 nos
55	Xylocaine jelly 30 gm	02 nos
56	DNS 400 ml	05 nos.
57	Dextrose 5%	05 nos.
58	Dextrose 25%	05 nos.
59	Ringar lacted 400 ml	05 nos.
60	Inj.Dexona 2ml	20 nos
61	Inj.Botropase	20 nos
62	Inj. Sodium-bi-carbonate 10 ml	20 nos
63	Inj. LORI	20 nos
64	Normal Saline	10 nos
MULTI VITAMIN		
65	Becozyme C Forte	500 tab.
66	Tab. Limcee	500 tab.
67	Tab. Caldol 500 mg	500 tab.
ANTI HYPERTENSIVE / DM		
68	Tab. Tenolol 50 mg	100 tab.
69	Tab. Losanorm-50	100 tab.
70	Tab. Atenolol AM -50	100 tab.
71	Tab. Calcheck-5	100 tab.
72	Tab. Atorva-150mg	100 tab.

Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL

Annexure-VI

List of Antidotes

Sr. No.	Name of Medicine	Minimum Stock
1	Inj. Methylene Blue 10 ml	20 nos
2	Inj. Ascorbic Acid	20 nos
3	Cyanide Antidote Kit	01 nos
4	Syp. Trulex (milk of magnesia)	10 nos
5	Inj. PAM 500 mg	20 nos
6	Inj. Calcium Carbonate	20 nos
7	Atropin eye drop	05 nos.
8	Inj. Vitamin- C	20 nos
9	Inj Ascorbic Acid	20 nos
10	Inj. Dopa Plus	20 nos
11	Asthline repsul 2.5 ml	20 nos
12	Inj. Aminophylline	20 nos
13	Inj. Gardenal	20 nos
14	Inj. Laxis 2 ml	20 nos
15	Inj. Calcium sandoz 10 ml	20 nos
16	Inj. Methylene Blue 10 ml	20 nos

Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL

Annexure-VII

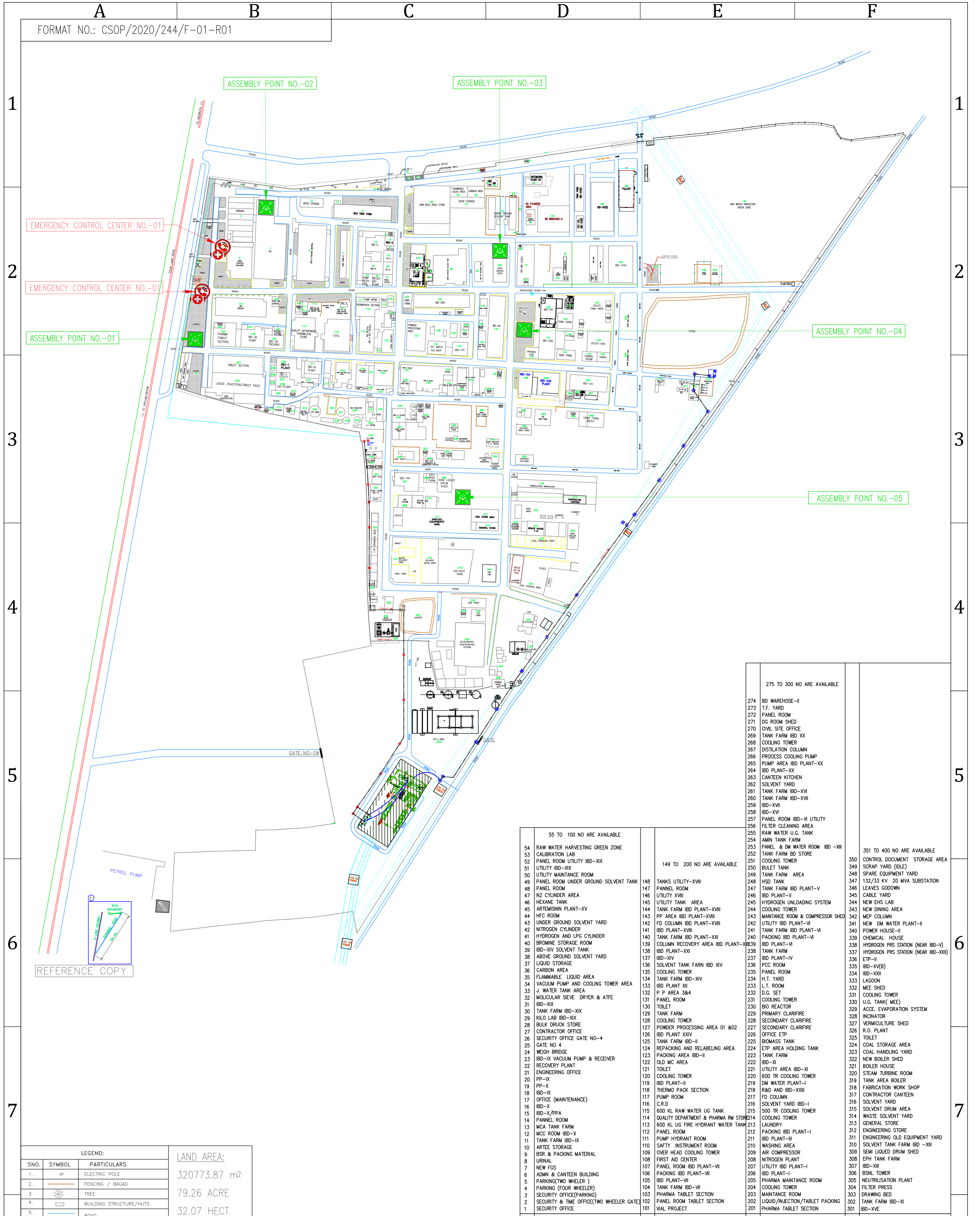
PARTICULARS OF THE OCCUPIER & FACTORY MANAGER

Name of the Occupier	Sh. Ajit Kumar Jain
Designation	Managing Director & CFO
Office Address	48, Kandivli Industrial Estate, Kandivili (West), Mumbai - 400067
Residence	2B/32, Nalanda Evershine Nagar Mitch Chowki Malad (W), Mumbai – 400064
Name of the Factory Manager	Mr. Arun Chandra Karmakar
Designation	Vice President - Operations
Office Address	Ipca Laboratories Ltd P.O. Sejavta, (M.P.)
Residence	House no. 1212, Rambagh Colony, Ratlam (M.P.)

Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL

Annexure-VIII

Plant Layout (With Details of Assembly Points, Hydrant Line)



REFERENCE COPY

LEGEND:		
SNO.	SYMBOL	PARTICULARS
1.	EP	ELECTRIC POLE
2.	—	FENCING / BAGAD
3.	—	TREE
4.	—	BUILDING STRUCTURE/HUTS
5.	—	ROAD

LAND AREA:	
320773.87	m ²
79.26	ACRE
32.07	HECT

55 TO 100 NO ARE AVAILABLE	
54	RAW WATER HARVESTING GREEN ZONE
53	CALIBRATION LAB
52	PANEL ROOM UTILITY IBD-XIX
51	UTILITY IBD-XIX
50	UTILITY MAINTENANCE ROOM
49	PANEL ROOM UNDER GROUND SOLVENT TANK
48	PANEL ROOM
47	N2 CYLINDER AREA
46	HEXANE TANK
45	ARTEMISININ PLANT-XV
44	HFC ROOM
43	UNDER GROUND SOLVENT YARD
42	NITROGEN CYLINDER
41	HYDROGEN AND LPG CYLINDER
40	BROMINE STORAGE ROOM
39	IBD-XIV SOLVENT TANK
38	ABOVE GROUND SOLVENT YARD
37	LIQUID STORAGE
36	CARBON AREA
35	FLAMMABLE LIQUID AREA
34	VACUUM PUMP AND COOLING TOWER AREA
33	J. WATER TANK AREA
32	MOLECULAR SIEVE DRYER & ATFE
31	IBD-XIX
30	TANK FARM IBD-XIX
29	KILO LAB IBD-XIX
28	BULK DRUCK STORE
27	CONTRACTOR OFFICE
26	SECURITY OFFICE GATE NO-4
25	GATE NO 4
24	WEIGH BRIDGE
23	IBD-IX VACUUM PUMP & RECEIVER
22	RECOVERY PLANT
21	ENGINEERING OFFICE
20	PP-IX
19	PP-X
18	IBD-IX
17	OFFICE (MAINTENANCE)
16	IBD-X
15	IBD-X/PPA
14	PANEL ROOM
13	MCA TANK FARM
12	MCC ROOM IBD-X
11	TANK FARM IBD-IX
10	ARTEE STORAGE
9	BSR & PACKING MATERIAL
8	URINAL
7	NEW FGS
6	ADMIN & CANTEEN BUILDING
5	PARKING(TWO WHEELER)
4	PARKING (FOUR WHEELER)
3	SECURITY OFFICE(PARKING)
2	SECURITY & TIME OFFICE(TWO WHEELER GATE)
1	SECURITY OFFICE

149 TO 200 NO ARE AVAILABLE	
148	TANKS UTILITY-XVIII
147	PANNEL ROOM
146	UTILITY XVIII
145	UTILITY TANK AREA
144	TANK FARM IBD PLANT-XVIII
143	PP AREA IBD PLANT-XVIII
142	FD COLUMN IBD PLANT-XVIII
141	IBD PLANT-XVIII
140	TANK FARM IBD PLANT-XXI
139	COLUMN RECOVERY AREA IBD PLANT-XIII
138	IBD PLANT-XXI
137	IBD-XIV
136	SOLVENT TANK FARM IBD XIV
135	COOLING TOWER
134	TANK FARM IBD-XIV
133	IBD PLANT XII
132	P P AREA 3&4
131	PANEL ROOM
130	TOILET
129	TANK FARM
128	COOLING TOWER
127	POWDER PROCESSING AREA 01 &02
126	IBD PLANT XXIV
125	TANK FARM IBD-II
124	REPACKING AND RELABELING AREA
123	PACKING AREA IBD-II
122	OLD MC AREA
121	TOILET
120	COOLING TOWER
119	IBD PLANT-II
118	THERMO PACK SECTION
117	PUMP ROOM
116	C.R.D
115	600 KL RAW WATER UG TANK
114	QUALITY DEPARTMENT & PHARMA RM STORE
113	600 KL UG FIRE HYDRANT WATER TANK
112	PANEL ROOM
111	PUMP HYDRANT ROOM
110	SAFTY INSTRUMENT ROOM
109	OVER HEAD COOLING TOWER
108	FIRST AID CENTER
107	PANEL ROOM IBD PLANT-VII
106	PACKING IBD PLANT-VII
105	IBD PLANT-VII
104	TANK FARM IBD-VII
103	PHARMA TABLET SECTION
102	LIQUID /INJECTION /TABLET PACKING
101	PHARMA TABLET SECTION

275 TO 300 NO ARE AVAILABLE	
274	BD WAREHOUSE-II
273	T.F. YARD
272	PANEL ROOM
271	DG ROOM SHED
270	CIVIL SITE OFFICE
269	TANK FARM IBD XX
268	COOLING TOWER
267	DISTILLATION COLUMN
266	PROCESS COOLING PUMP
265	PUMP AREA IBD PLANT-XX
264	IBD PLANT-XX
263	CANTEEN KITCHEN
262	SOLVENT YARD
261	TANK FARM IBD-XVI
260	TANK FARM IBD-XVII
259	IBD-XVII
258	IBD-XVI
257	PANEL ROOM IBD-VI UTILITY
256	FILTER CLEANING AREA
255	RAW WATER U.C. TANK
254	AMIN TANK FARM
253	PANEL & DM WATER ROOM IBD -XIII
252	TANK FARM BD STORE
251	COOLING TOWER
250	BULET TANK
249	TANK FARM AREA
248	HSD TANK
247	TANK FARM IBD PLANT-V
246	IBD PLANT-V
245	HYDROGEN UNLOADING SYSTEM
244	COOLING TOWER
243	MAINTENANCE ROOM & COMPRESSOR SHED
242	UTILITY IBD PLANT-VI
241	TANK FARM IBD PLANT-VI
240	PACKING IBD PLANT-VI
239	IBD PLANT-VI
238	TANK FARM
237	IBD PLANT-IV
236	PCC ROOM
235	PANEL ROOM
234	H.T. YARD
233	L.T. ROOM
232	D.G. SET
231	COOLING TOWER
230	BIO REACTOR
229	PRIMARY CLARIFIER
228	SECONDARY CLARIFIER
227	SECONDARY CLARIFIER
226	OFFICE ETP
225	BIOMASS TANK
224	ETP AREA HOLDING TANK
223	TANK FARM
222	IBD-XI
221	UTILITY AREA IBD-XI
220	600 TR COOLING TOWER
219	DM WATER PLANT-I
218	R&D AND IBD-XXIII
217	FD COLUMN
216	SOLVENT YARD IBD-I
215	500 TR COOLING TOWER
214	COOLING TOWER
213	LAUNDRY
212	PACKING IBD PLANT-I
211	IBD PLANT-III
210	WASHING AREA
209	AIR COMPRESSOR
208	NITROGEN PLANT
207	UTILITY IBD PLANT-I
206	IBD PLANT-I
205	PHARMA MAINTENANCE ROOM
204	COOLING TOWER
203	MAINTENANCE ROOM
202	LIQUID /INJECTION /TABLET PACKING
201	PHARMA TABLET SECTION

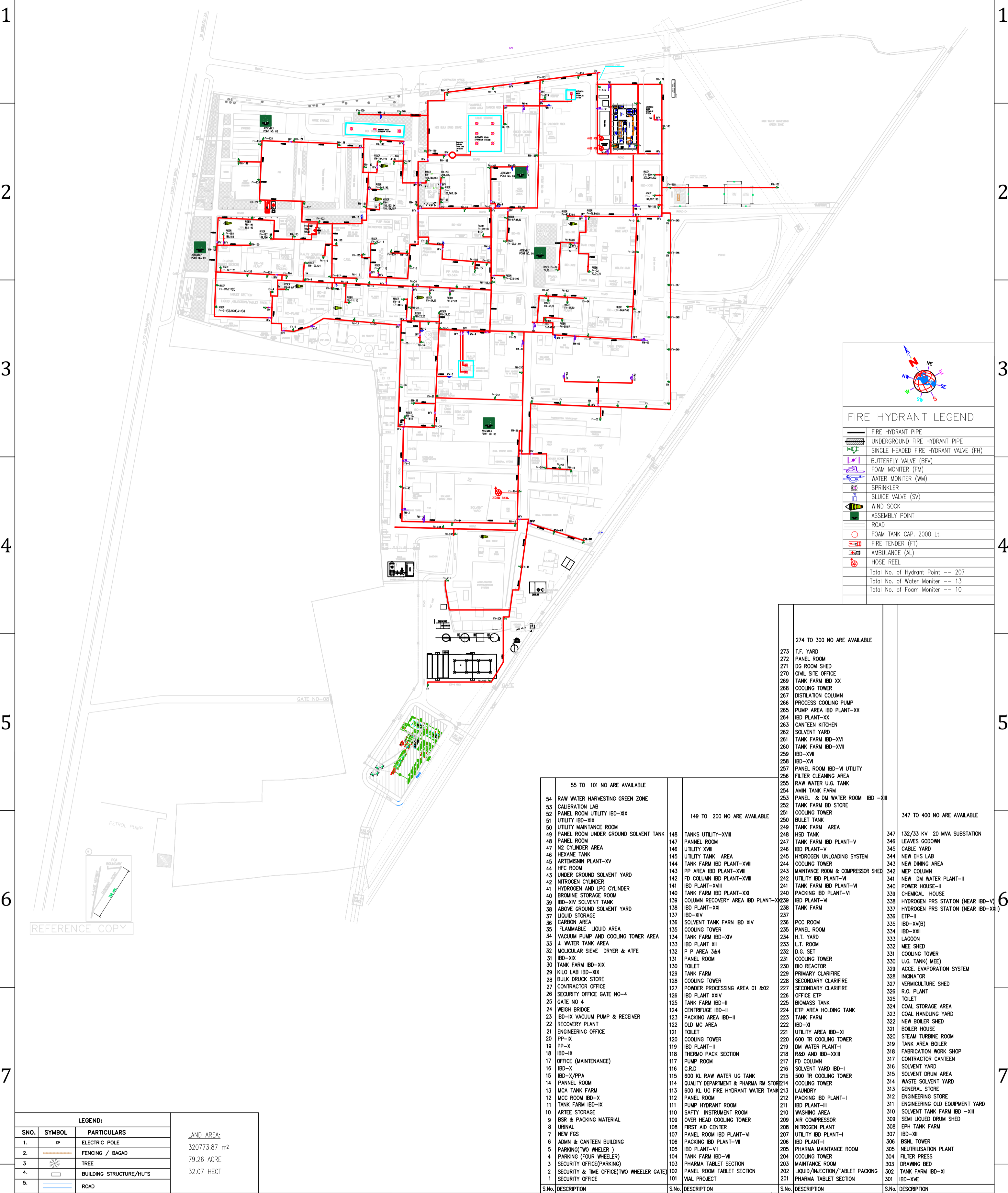
351 TO 400 NO ARE AVAILABLE	
350	CONTROL DOCUMENT STORAGE AREA
349	SCRAP YARD (IDLE)
348	SPARE EQUIPMENT YARD
347	132/33 KV 20 MVA SUBSTATION
346	LEAVES GODOWN
345	CABLE YARD
344	NEW EHS LAB
343	NEW DINING AREA
342	MEP COLUMN
341	NEW DM WATER PLANT-II
340	POWER HOUSE-II
339	CHEMICAL HOUSE
338	HYDROGEN PRS STATION (NEAR IBD-V)
337	HYDROGEN PRS STATION (NEAR IBD-XXII)
336	ETP-II
335	IBD-XV(B)
334	IBD-XXII
333	LAGOON
332	MEE SHED
331	COOLING TOWER
330	U.C. TANK (MEE)
329	ACC.E. EVAPORATION SYSTEM
328	INCINATOR
327	VERMICULTURE SHED
326	R.O. PLANT
325	TOILET
324	COAL STORAGE AREA
323	COAL HANDLING YARD
322	NEW BOILER SHED
321	BOILER HOUSE
320	STEAM TURBINE ROOM
319	TANK AREA BOILER
318	FABRICATION WORK SHOP
317	CONTRACTOR CANTEEN
316	SOLVENT YARD
315	SOLVENT DRUM AREA
314	WASTE SOLVENT YARD
313	GENERAL STORE
312	ENGINEERING STORE
311	ENGINEERING OLD EQUIPMENT YARD
310	SOLVENT TANK FARM IBD -XIII
309	SEMI LIQUED DRUM SHED
308	EPH TANK FARM
307	IBD-XIII
306	BSNL TOWER
305	NEUTRALISATION PLANT
304	FILTER PRESS
303	DRAWING BED
302	TANK FARM IBD-XI
301	IBD-XIV

17.	CENTRIFUGE IBD-II (SR NO. 124) RENAMED AS REPACKING AND RELABELING AREA AS PER CCP NO.- 232586.	DEPT.	SIGN/DATE	TITLE:	SITE LAYOUT PLAN	
16.	CONSTRUCTED NEW FACILITY FOR BD WAREHOUSE AND AS PER CCP NO.- 189484.CONSTRUCTED NEW FACILITY FOR FINISHED GOODS WAREHOUSE AS PER CCP NO.- 206494.BOILER NO-06 CAPACITY 8TPH INSTALLED AS PER CCP NO.-211179.	PREP.BY:	DRAWN.BY:	DATE:	REV NO.:	DWG NO.:
15.	DG NO-08 AND TR-11 INCORPORATED AS PER CCP NO.- 176767.	CHKD.BY:	ENG.G:	SCALE:NTS	17	IRTM/SITE/L/05/01/R17
14.	SPARE EQUIPMENT YARD IN SCRAP YARD INCORPORATED IN LAYOUT AS PER CCP NO-197510, CONTROLLED DOCUMENT STORAGE AREA UPDATED IN LAYOUT AS PER CCP NO.- 183546.IBD-XV(B)INCORPORATED IN LAYOUT AS PER CCP NO-176767.	CHKD.BY:	HVAC SECTION (IF REQ.)	DEPT.:IPCA SITE LAYOUT		
13.	CHANGE OVER POWER SUPPLY FROM 33 KV TO 132 KV AS PER CCP NO.- 166256.	APPD.BY:	USER DEPT.:	IPCA LABORATORIES LTD.		
REV. NO	REVISION DETAIL	APPD.BY:	QA:	SEJAVTA, RATLAM (M.P.) -457002		

Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL

Annexure-IX

(Layout Plan of hydrant system)



FIRE HYDRANT LEGEND	
	FIRE HYDRANT PIPE
	UNDERGROUND FIRE HYDRANT PIPE
	SINGLE HEADED FIRE HYDRANT VALVE (FH)
	BUTTERFLY VALVE (BFV)
	FOAM MONITOR (FM)
	WATER MONITOR (WM)
	SPRINKLER
	SLUICE VALVE (SV)
	WIND SOCK
	ASSEMBLY POINT
	ROAD
	FOAM TANK CAP. 2000 Lt.
	FIRE TENDER (FT)
	AMBULANCE (AL)
	HOSE REEL
Total No. of Hydrant Point -- 207	
Total No. of Water Monitor -- 13	
Total No. of Foam Monitor -- 10	

REFERENCE COPY

LEGEND:			LAND AREA:
SNO.	SYMBOL	PARTICULARS	
1.		ELECTRIC POLE	320773.87 m ²
2.		FENCING / BAGAD	79.26 ACRE
3.		TREE	32.07 HECT
4.		BUILDING STRUCTURE/HUTS	
5.		ROAD	

55 TO 101 NO ARE AVAILABLE		149 TO 200 NO ARE AVAILABLE		347 TO 400 NO ARE AVAILABLE	
54	RAW WATER HARVESTING GREEN ZONE	148	TANKS UTILITY-XVIII	347	132/33 KV 20 MVA SUBSTATION
53	CALIBRATION LAB	147	PANNEL ROOM	346	LEAVES GODOWN
52	PANEL ROOM UTILITY IBD-XIX	146	UTILITY XVIII	345	CABLE YARD
51	UTILITY IBD-XIX	145	UTILITY TANK AREA	344	NEW EHS LAB
50	UTILITY MAINTANCE ROOM	144	TANK FARM IBD PLANT-XVII	343	NEW DINING AREA
49	PANEL ROOM UNDER GROUND SOLVENT TANK	143	PP AREA IBD PLANT-XVIII	342	MEP COLUMN
48	PANEL ROOM	142	FD COLUMN IBD PLANT-XVIII	341	NEW DM WATER PLANT-II
47	N2 CYLINDER AREA	141	IBD PLANT-XVIII	340	POWER HOUSE-II
46	HEXANE TANK	140	TANK FARM IBD PLANT-XXI	339	CHEMICAL HOUSE
45	ARTEMISININ PLANT-XV	139	COLUMN RECOVERY AREA IBD PLANT-X	338	HYDROGEN PRS STATION (NEAR IBD-V)
44	HFC ROOM	138	IBD PLANT-XXI	337	HYDROGEN PRS STATION (NEAR IBD-XII)
43	UNDER GROUND SOLVENT YARD	137	IBD-XIV	336	ETP-II
42	NITROGEN CYLINDER	136	SOLVENT TANK FARM IBD XIV	335	IBD-XV(B)
41	HYDROGEN AND LPG CYLINDER	135	COOLING TOWER	334	IBD-XXII
40	BROMINE STORAGE ROOM	134	TANK FARM IBD-XIV	333	LAGOON
39	IBD-XIV SOLVENT TANK	133	IBD PLANT XII	332	MEP SHED
38	ABOVE GROUND SOLVENT YARD	132	P P AREA 3&4	331	COOLING TOWER
37	LIQUID STORAGE	131	PANEL ROOM	330	U.G. TANK (MEE)
36	CARBON AREA	130	TOILET	329	ACCE. EVAPORATION SYSTEM
35	FLAMMABLE LIQUID AREA	129	TANK FARM	328	INCINATOR
34	VACUUM PUMP AND COOLING TOWER AREA	128	COOLING TOWER	327	VERMICULTURE SHED
33	J. WATER TANK AREA	127	POWDER PROCESSING AREA 01 &02	326	R.O. PLANT
32	MOUCULAR SIEVE DRYER & ATE	126	IBD PLANT XXIV	325	TOILET
31	IBD-XX	125	TANK FARM IBD-II	324	COAL STORAGE AREA
30	TANK FARM IBD-XX	124	EIP AREA HOLDING TANK	323	COAL HANDLING YARD
29	KILO LAB IBD-XX	123	TANK FARM	322	NEW BOILER SHED
28	BULK DRUCK STORE	122	IBD-XI	321	BOILER HOUSE
27	CONTRACTOR OFFICE	121	TOILET	320	STEAM TURBINE ROOM
26	SECURITY OFFICE GATE NO-4	120	COOLING TOWER	319	TANK AREA BOILER
25	GATE NO 4	119	IBD PLANT-II	318	FABRICATION WORK SHOP
24	WEIGH BRIDGE	118	THERMO PACK SECTION	317	CONTRACTOR CANTEN
23	IBD-IX VACUUM PUMP & RECEIVER	117	PUMP ROOM	316	SOLVENT YARD
22	RECOVERY PLANT	116	C.R.D	315	SOLVENT DRUM AREA
21	ENGINEERING OFFICE	115	600 KL RAW WATER UG TANK	314	WASTE SOLVENT YARD
20	PP-IX	114	QUALITY DEPARTMENT & PHARMA RM STORE	313	GENERAL STORE
19	PP-X	113	600 KL UG FIRE HYDRANT WATER TANK	312	ENGINEERING STORE
18	IBD-IX	112	PANEL ROOM	311	ENGINEERING OLD EQUIPMENT YARD
17	OFFICE (MAINTENANCE)	111	PUMP HYDRANT ROOM	310	SOLVENT TANK FARM IBD -XIII
16	IBD-X	110	SAFTY INSTRUMENT ROOM	309	SEMI LIQUED DRUM SHED
15	IBD-X/PPA	109	OVER HEAD COOLING TOWER	308	EPH TANK FARM
14	PANNEL ROOM	108	FIRST AID CENTER	307	IBD-XIII
13	MCA TANK FARM	107	PANEL ROOM IBD PLANT-VII	306	BSMIL TOWER
12	MCC ROOM IBD-X	106	PACKING IBD PLANT-VII	305	NEUTRALISATION PLANT
11	TANK FARM IBD-IX	105	IBD PLANT-VII	304	FILTER PRESS
10	ARTEE STORAGE	104	TANK FARM IBD-VII	303	DRAWING BED
9	BSR & PACKING MATERIAL	103	PHARMA TABLET SECTION	302	TANK FARM IBD-XI
8	URNAL	102	PANEL ROOM TABLET SECTION	301	IBD-XVE
7	NEW FOS	101	VIAL PROJECT		
6	ADMIN & CANTEN BUILDING				
5	PARKING(TWO WHEELER)				
4	PARKING(FOUR WHEELER)				
3	SECURITY OFFICE(PARKING)				
2	SECURITY & TIME OFFICE(TWO WHEELER GATE)				
1	SECURITY OFFICE				

13.			DEPT.	SIGN/DATE	TITLE:	PROPOSED SITE LAYOUT PLAN	
12.		PREP.BY:	DRAWN.BY:		DATE:	REV NO.:	DWG NO.:
11.		CHKD.BY:	HVAC SECTION (IF REQ.)		SCALE:NTS	DEPT.:IPCA SITE LAYOUT	
10.			USER DEPT.:		IPCA LABORATORIES LTD. SEJAVTA, RATLAM (M.P.) -457002		
9.		APPD.BY:	QA:				
REV. NO	REVISION DETAIL						

E:\ANR\BACKUP\31-10-2020\Safety\Fire Hydrant Plan (Updated).dwg

Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL

Annexure-X

Situations Procedures For First Aid

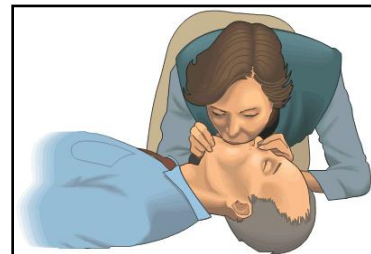
FIRST - AID

First-aid is the immediate care given to the victim of an accident or sudden illness before the arrival of a qualified expert. The purpose of First-aid is to preserve life, assist recovery, prevent aggravation and minimize complications at a later date with the help of such material as may be available.



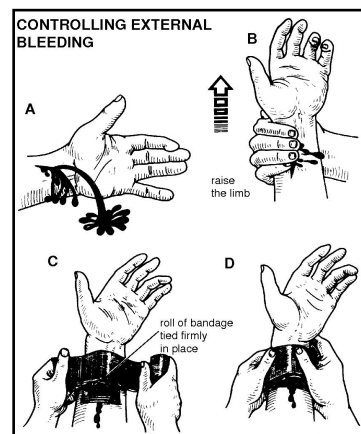
ARTIFICIAL RESPIRATION

- Mouth to Mouth: This is appropriate and effective technique for emergency artificial respiration.
- Keep the head slightly backward and open the jaw.
- Seal the casualty's nose to prevent escape of air by pinching with thumb and index finger.
- Take a deep breath, open your mouth widely, place it over the victim's mouth and make a tight seal.
- Quickly blow the full breath into the mouth of victim.
- Remove your mouth from the victim and allow him to exhale passively.
- Repeat the procedure 12 to 15 times per minute, till medical aid is arranged.
- Arrange immediate medical aid.



CAUTIONARY NOTE

- Do not give mouth to mouth resuscitation during CPR in the presence of toxins such as cyanide, hydrogen sulphide, corrosives and organo-phosphates. Ventilate the casualty by using a face mask or bag/valve/mask assembly.
- Avoid mouth to mouth resuscitation if there is possibility of transmission of infection between the victim and the rescuer, such as HIV, Hepatitis-B, Tuberculosis, Shigellosis, Meningococcal meningitis, Herpes simplex virus and Salmonella. Use an interposition airway device which must function effectively in both its resuscitation and protective roles, and be immediately available at all times.



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ON-SITE EMERGENCY RESPONSE MANUAL

CONTROL OF BLEEDING

- Apply direct pressure by thumb or finger.
- Apply dressing – gauze pad and bandage.
- Apply indirect pressure on pressure points.
- Apply tourniquet.
- Remove the injured to the hospital.

FRACTURES

Signs of Fracture: Pain, Tenderness, Swelling, Loss of Deformity.

- Do not move the injured unless the life is endangered from other causes.
- Deal with the haemorrhage and breathing difficulties. Immobilise the fracture by using suitable splints.
- Immobilization should include one joint above and one joint below the fracture.
- Remove the injured to the hospital.



Power,

BURNS

- Pour running cold water on the affected part.
- Do not apply ointments or oils or any other substance.
- Cover the wound with sterilized cloth.
- Give artificial respiration, if needed.
- Prevent shock.
- Arrange immediate medical aid.



SHOCK

- Lay the patient on his back.
- Stop bleeding, if any.
- Relieve pain by supporting the injured part.
- Keep the patient comfortable.
- Do not cause sweating.
- Fluids may be given by mouth in small amounts, if the patient is conscious.
- Reassure the patient.
- Arrange immediate medical aid.



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WOUNDS

- Stop the bleeding, if any.
- Avoid touching the wounds.
- Cover the wound with sterilized cloth.
- Arrange immediate medical aid.



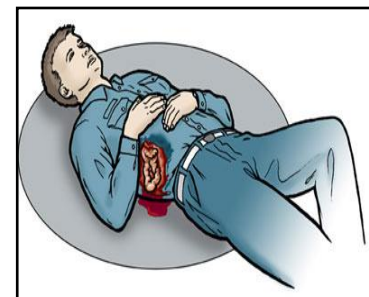
EYE INJURIES

- Removal of foreign body should not be attempted.
- Do not apply oil or ointment.
- Apply sterile pad and loose bandage.
- Send the patient to the hospital.



ABDOMINAL WOUNDS

- No time should be lost in sending the patient to the hospital.
- Keep the patient flat on his back.
- Give nothing by mouth.
- Maintain warmth.
- If intestines protrude from the wound, do not attempt to touch or replace them.
- Apply sterile dressing and binder on the wound.
- Provide immediate transportation to the hospital.



BACKBONE FRACTURE

- Fracture of backbone may lead to paralysis of limbs. Hence, victim should be handled with great care.
- Transport on a rigid frame, which may be improvised by using available board.
- The rigid frame is to be placed on a stretcher for transportation.
- Immediate hospitalization is needed.



HEAT STROKE

- Make the patient lie down.
- Remove all clothing's except the underwear.
- Keep the patient under the fan.
- Pour cold water on the body repeatedly.
- Wash the head thoroughly with cold water and dry it with towel.
- Record body temperature falls up to 38°C stop



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- pouring water.
- Give plenty of cold water with a pinch of common salt in each glass of water to drink.
- Send the patient to the hospital.

BLEEDING NOSE

- Make the patient sit on a Chair with head downward.
- Pinch the nose with fingers and thumb.
- Apply ice or cold compression.
- Do not plug the nostrils.
- Do not put water or any medicine through the nostrils
- Send for medical aid immediately.



FOREIGN BODY IN THE NOSE

- Do not try to remove the solid object.
- Ask the patient to breathe through mouth.
- Send the patient to the hospital.

BLEADING EAR

- Lay the patient with the head slightly raised.
- Incline the head to the affected side and apply a dry dressing over the ear with loose bandage.
- Do not plug the ear.
- Apply pressure in front of the ear.
- Send for medical aid immediately.



FOREIGN BODY IN THE EAR

- Solid – Do not try to remove, scratch or probe it.
- Insects – Put a few drops of water in the ear and turn the head so that affected ear points upwards.
- Keep the head in that position for 5 minutes, and then turn the head downwards so that the water flows out.
- Arrange immediate medical aid.

SNAKE BITE

- Reassure the patient
- Do not allow the person to run or walk
- Apply a ligature above the wound (in between the heart and the wound) if the bite is in the leg or hand.
- Wash the wound with potassium permanganate solution or with soap and water.
- Allow free bleeding.
- Never suck the blood from the wound.



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- Treat for shock.
- Arrange immediate hospitalization, by transporting the patient in a lying down posit

DOG BITE

- Clean the wound immediately with water.
- Then wash with antiseptic soap and water.
- Do not try to stop bleeding.
- Do not cover the wound.
- Send the patient to hospital for treatment.



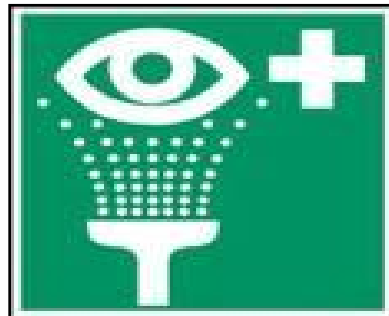
INSECT BITE

- The sting bite should be pulled out.
- Apply cold compression.
- Apply vinegar diluted with water.
- Soda-bicarbonate paste should be applied at the site.
- Prevent shock.
- Send for medial aid immediately.



CHEMICAL BURNS OF THE EYES

- Immediate washing of the eye with clean water at least for fifteen minute or longer.
- Apply sterile dressing over the eye.
- Neutralising agents or ointments should not be used.
- Send the patient to the hospital.



SUFFOCATION

- Remove the patient from the source
- Clean the airways.
- Restore breathing by artificial respiration.
- Send the patient to the hospital.



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ON-SITE EMERGENCY RESPONSE MANUAL

ELECTRIC SHOCK / INJURIES

- Do not touch the casualty while he is still in contact with electricity.
- Switch off the current at once.
- Do not attempt first aid until the contact has been broken.
- Make the air passage clear and clean.
- Restore breathing Artificial respiration and external cardiac massage, if needed.
- Call for immediate medical aid.
- Send the patient to the hospital.



UNCONSCIOUSNESS

- Make the patient lie down on his belly with head turned to one side.
- Check breathing and pulse.
- Loosen tight clothings.
- Clean the air-way.
- Give artificial respiration and external Cardiac Massage, if needed.
- Transport the patient to the hospital.

POISONING

- Find the nature of the poison
- Give universal antidote mixture as given below to drink:

Charcoal powder	- 2 table spoons
Coffee powder	- 2 table spoons
Chalk powder	- 1 table spoon
- Add it to a glass of warm water and mix well.
- Send the patient immediately to the hospital.



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Annexure-XI

LIST OF HAZARDOUS CHEMICAL WITH PREVENTIVE ACTION

FOR STORAGE AND HANDLING

Sr. No.	NAME OF CHEMICAL	STORAGE & HANDLING	PREVENTIVE ACTION
1	Acetone Isopropyl Alcohol Hexane Ethyl Alcohol Toluene Tetra Hydro Furan Cyclohexane Methanol	Stored in under ground tanks and transferred through closed system (Pipe line)	<ol style="list-style-type: none"> 1. Solvents stored in under ground tanks. 2. Flame arrestor provided over vent lines 3. Level indicators provided 4. Double earthing provided in storage tanks. 5. Dyke wall provided around tank farm area. 6. Hazardous & NFPA labels displayed 7. Solvent transferring through closed system(Pipe line) 8. Earthing & bonding provided in all equipment 9. Color coding of pipe line has been done. 10. PPE's like organic cartridge mask,chemical splash goggle,nitrile hand gloves, face shield,safety shoes has been provided as per requirement and same being used during handling.
2	Hydrochloric Acid – 33 % Acetic Acid	Stored in above ground tanks and transferred through closed system (Pipe line)	<ol style="list-style-type: none"> 1. Acids stored in above ground tanks. 2. Level indicators provided 3. Dyke wall provided around tank farm area. 4. Hazardous & NFPA labels displayed 5. Acids transferring through closed system(Pipe line) 6. Color coding of pipe line has been done. 7. Flange guards have been provided over all flange joints. 8. Proper support has been provided to pipe lines. 9. PPE's like Acidic cartridge mask,chemical splash goggle,PVC/rubber hand gloves, face shield,safety shoes has been provided as per requirement and same being used during handling.
3	Phosphorous Oxychloride Sulphuric Acid	Stored in separate storage area away from water and transferred through carboys	<ol style="list-style-type: none"> 1. Stored in separate storage area with secondary containment arrangement, away from water. 2. Hazardous & NFPA labels displayed. 3. PPE's like full suit, PVC/rubber hand gloves,safety shoes has been provided as per requirement same being used during handling.

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4	Dimethyl formamide Methylene Chloride	Stored in separate storage area in MS drums and transferred through drums	<ol style="list-style-type: none"> 1. Dimethyl Formamide stored in MS drums. 2. Methylene Chloride stored in Above ground tank. 3. Dual Body Earthing is provided on the storage tank. 4. Flame Arrestors are provided on the vent of the tank. 5. Level Indicators are provided on tanks. 6. Dyke wall provided around tank farm area. 7. Hazardous & NFPA labels displayed. 8. PPE's like Multi purpose cartridge gas mask, chemical splash goggle, PVC/rubber hand gloves, face shield, safety shoes has been provided as per requirement same being used during handling.
5	Epichlorohydrin Isopropyl Amine Sodium Hydroxide Lye	Stored in tanks and MS drums and transferred through closed system (Pipe line) and drums	<ol style="list-style-type: none"> 1. Epichlorohydrine stored in above ground tanks and drums. 2. Level indicators provided on tanks 3. Dyke wall provided around tank farm area. 4. Hazardous & NFPA labels displayed on tanks as well as on drums 5. Epichlorohydrine transferring through closed system (Pipe line) and drums 6. Color coding of pipe line has been done. 7. Flange guard, proper support to pipe lines has been provided. 8. PPE's like Multi purpose cartridge gas mask, chemical splash goggle, PVC/rubber hand gloves, face shield, safety shoes has been provided as per requirement same being used during handling.
6	Ammonia Gas	Stored in cylinders and transferred through cylinder trolley	<ol style="list-style-type: none"> 1. Ammonia gas stored in cylinders with proper chain guards with stands. 2. Regulators provided on cylinders 3. Ammonia rescue kit available where ever ammonia used and stored. 4. Ammonia gas transferred through cylinder trolley with chain guard arrangement 5. Color coding of ammonia cylinders has been done. 6. PPE's like Ammonia cartridge gas mask, chemical splash goggle, PVC/rubber hand gloves, face shield, safety shoes has been provided as per requirement same being used during handling.

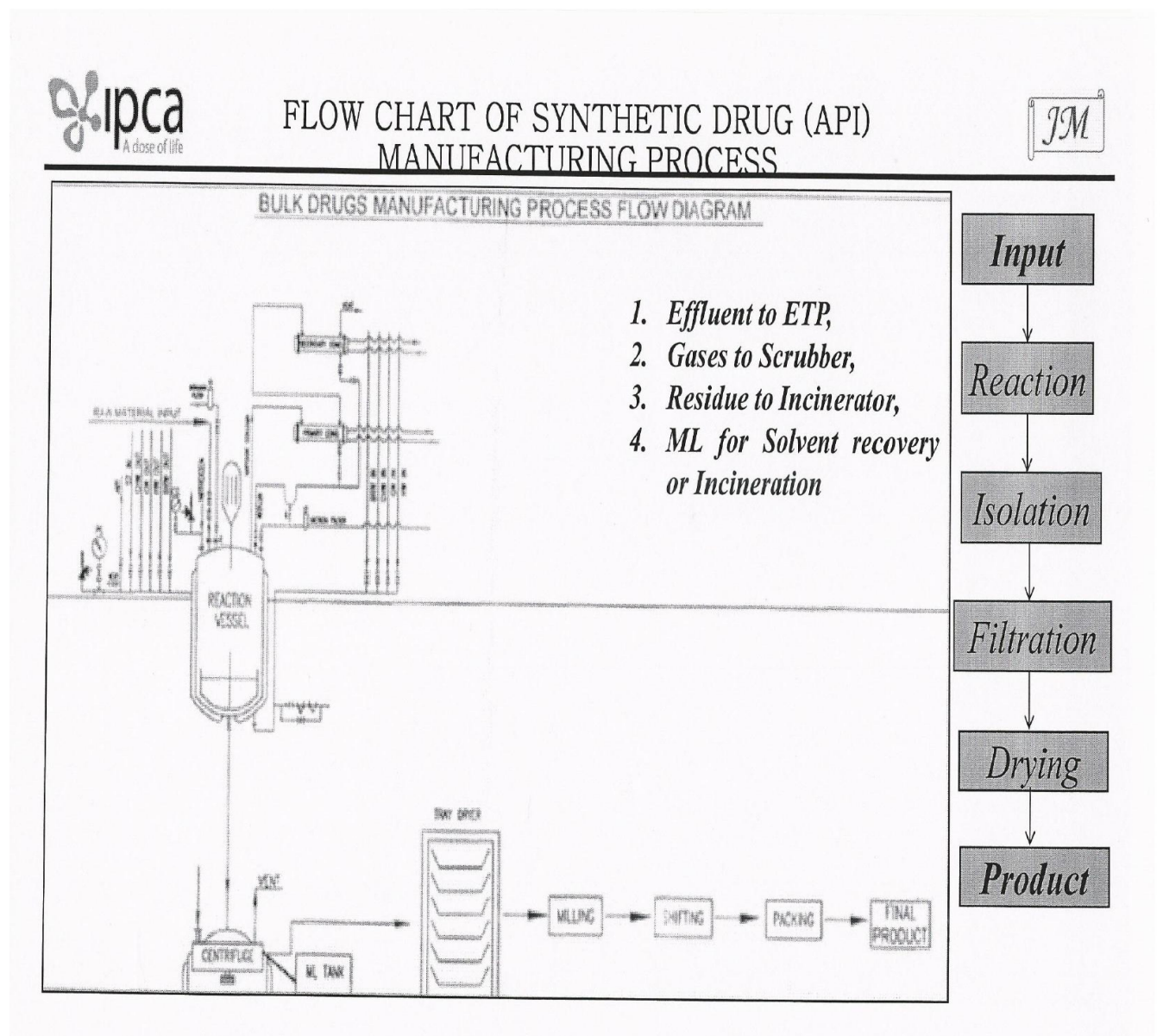
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7	Hydrogen	Stored in cylinders cascade and transferred through closed system (Pipe line)	<ol style="list-style-type: none"> 1. Hydrogen gas stored in cylinders cascade. 2. PRV systems are provided. 3. Regulators provided. 4. Sprinkler sytem provided in the cylinder storage area. 5. Hazardous & NFPA labels displayed 6. Gas transferring through closed sytem(Pipe line) 7. Color coding of pipe line has been done. 8. Flange guard, proper support to pipe lines has been provided. 9. PPE's like Multipurpose cartridge gas mask,chemical splash goggle,PVC/rubber hand gloves, face shield,safety shoes has been provided as per requirement same being used during handling.
8	Nitrogen	Stored in cylinders in Utility plants	<ol style="list-style-type: none"> 1. Nitrogen gas stored in cylinders 2. Gas transferring through closed sytem(Pipe line) 3. Color coding of pipe line has been done. 4. Rotameters are provided in the nitrogen line to measure the flow. 5. Oxygen Analyzers are stored in the areas where nitrogen is used in closed areas.
9	High Speed Diesel (HSD) Furnace Oil	Stored in above ground tanks and transferred through closed system (Pipe line)	<ol style="list-style-type: none"> 1. Chemicals are stored in above ground tanks. 2. Flame arrestor provided over vent lines 3. Level indicators provided 4. Double earthing provided in storage tanks. 5. Dyke wall provided around tank farm area. 6. Hazardous & NFPA labels displayed 7. Solvent transferring through closed system(Pipe line) 8. Earthing & bonding provided in all equipment 9. Color coding of pipe line has been done.
1	Liquified Petroleum Gas	Stored in cylinders	<ol style="list-style-type: none"> 1. LPG is stored in cylinders in a separate storage area. 2. Cross Ventillation has been provided at lower levels of the storage area. 3. Fire Hydrant system and Fire Extinguishers are provided. 4. Cylinders are stored on ground level without stacking.

**Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL**

**Annexure-XII
Details of Manufacturing Process with Flow Chart**

In the manufacturing process required raw material are being charged into the reaction vessels & chemical reaction is done. Then-after product is isolated & cristalized & finally slurry is passed through centrifuge for filtration of final product in the form of cake .This cake is finally dried in dryer then after milling, shifting and packed in the fiber drum.



Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL

Annexure-XIII

List of Fire Extinguishers

	IBD-I & Utility -I	
Types of fire Ext.	Capacity	Quantity
CO2	4.5 kg	11
CO2	22.5KG	3
M. FOAM	50 lit	1
ABC	9 KG	2
DCP	DCP 10	13
	IBD- II	
CO2	4.5 kg	14
CO2	22.5KG	4
M. FOAM	9lit	1
DCP	9kg	2
DCP	DCP 10	11
	IBD- II E	
CO2	4.5 kg	2
CO2	22.5KG	2
M. FOAM	9lit	1
DCP	10kg	4
	IBD - III	
CO2	4.5kg	5
CO2	22.5kg	1
DCP	10kg	7
M. FOAM	9lit	1
	FDC - III	
CO2	4.5kg	1
DCP	10kg	3
M. FOAM	50 lit	1
	IBD -IV	
CO2	4.5 kg	4

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ON-SITE EMERGENCY RESPONSE MANUAL

CO2	2KG	1
CO2	22.5kg	2
DCP	10 kg	10
IBD-V		
CO2	4.5kg	4
CO2	22.5kg	1
DCP	10kg	16
ABC	9kg	1
M. FOAM	50lit	1
IBD-VI		
CO2	02kg	3
CO2	4.5kg	11
CO2	6.5kg	2
CO2	22.5kg	2
DCP	10kg	9
M. FOAM	50lit	3
IBD-VII		
CO2	4.5kg	2
CO2	6.5kg	1
CO2	22.5kg	1
DCP	10kg	7
DCP	5kg	3
M. FOAM	09lit	1
IBD - VIII		
CO2	4.5kg	3
DCP	10kg	1
ABC	1 kg	2
M. FOAM	09lit	1
IBD-IX FDC		
CO2	4.5kg	4
CO2	22.5kg	2
DCP	10kg	13
M. FOAM	50lit	1

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ON-SITE EMERGENCY RESPONSE MANUAL

	IBD-X	
CO2	4.5kg	6
DCP	10kg	8
M. FOAM	9lit	1
M. FOAM	50lit	1
	IBD-XI	
CO2	4.5kg	4
CO2	22.5kg	2
DCP	10kg	13
	IBD-XII	
CO2	4.5kg	13
CO2	22.5kg	2
DCP	10kg	6
M. FOAM	09lit	4
M. FOAM	50lit	1
	IBD-XIII, Column	
CO2	4.5kg	6
CO2	22.5kg	2
DCP	10kg	15
ABC	10 kg	3
M. FOAM	50lit	1
	IBD-XIV	
CO2	4.5kg	10
DCP	10kg	17
ABC	10 KG	1
M. FOAM	09lit	1
M. FOAM	50lit	2
	IBD-XV	
CO2	4.5kg	6
DCP	10kg	9
ABC	10 KG	1
M. FOAM	50lit	1

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ON-SITE EMERGENCY RESPONSE MANUAL

	IBD-XV B, Column	
CO2	4.5kg	13
DCP	10kg	36
M. FOAM	50lit	1
	IBD-XVI	
CO2	4.5kg	4
CO2	6.5KG	1
DCP	10kg	5
M. FOAM	09lit	4
	IBD-XVII	
CO2	4.5kg	14
DCP	10kg	14
M. FOAM	50lit	2
	IBD-XVIII, Column	
CO2	4.5kg	25
DCP	10kg	16
M. FOAM	50lit	3
	IBD-XIX	
CO2	4.5kg	24
DCP	10kg	14
	IBD-XX	
CO2	4.5kg	23
DCP	10kg	15
ABC	10 KG	1
M. FOAM	50lit	1
	IBD-XXI	
CO2	4.5kg	18
DCP	10kg	18
M. FOAM	50lit	3
	IBD-XXII	
CO2	4.5kg	15
DCP	10 kg	14
M. FOAM	50lit	2

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ON-SITE EMERGENCY RESPONSE MANUAL

	IBD-XXIII	
CO2	4.5kg	5
DCP	10kg	4
	IBD-XXIV	
CO2	4.5kg	14
DCP	10kg	13
M. FOAM	50lit	1
MODULER	5 KG	1
	PCE LAB	
CO2	4.5kg	7
DCP	10kg	4
	PPA-05	
CO2	4.5kg	4
	QA	
MODULER	5 KG	46
ABC	9 KG	1
DCP	10kg	1
CO2	6.5kg	1
CO2	4.5kg	16
	QC	
CO2	4.5kg	23
DCP	10kg	7
M. FOAM	09lit	1
	ETP/ENV/MEE/MVRE	
CO2	4.5kg	18
DCP	10kg	13
	KITCHEN	
CO2	4.5kg	2
DCP	10kg	1
ABC	10kg	1
	SECURITY GATE&PARKING	
DCP	10kg	10
ABC	10kg	1

Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL

	PHARMA UTILITY	
CO2	4.5kg	2
	U. SOLVENT AREA	
CO2	4.5kg	2
CO2	6.5kg	1
CO2	22.5kg	1
DCP	10kg	4
M. FOAM	09lit	1
M. FOAM	50lit	3
	DM WATER , I & II Row	
CO2	4.5kg	8
CO2	22.5kg	1
DCP	10kg	5
	ADMIN	
CO2	4.5kg	12
DCP	10kg	1
MODULER	05kg	3
	IT	
CO2	4.5kg	8
DCP	10kg	1
	BOILER	
CO2	4.5kg	5
DCP	5kg	2
DCP	10kg	2
	FABRICATION YARD	
CO2	4.5kg	3
ABC	10kg	1
DCP	10kg	13
	ENGG.& GENERAL STORE	
CO2	4.5kg	2

Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL

DCP	10kg	3
POWER HOUSE (TR) 02		
CO2	4.5kg	6
HYDRANT & SAFETY & FIRST AID		
CO2	4.5kg	4
DCP	10kg	2
ABC	10kg	1
M. FOAM	09lit	1
FIRE TENDER		
CO2	22.5kg	4
DCP	10kg	6
PHARMA - I		
CO2	4.5KG	24
DCP	10KG	15
ABC	1KG	1
DCP	5KG	1
W/CO2	9LTR	1
M.FOAM	9LTR	1
MODULAR	5KG	4
PHARMA -II		
CO2	4.5kg	12
DCP	10kg	7
PHARMA -III		
CO2	4.5kg	21
DCP	10kg	9
BSR STORE - I		
CO2	4.5kg	23

Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL

DCP	10kg	10
ABC	10kg	1
W.CO2	09lit	11
RM/PM STORE		
CO2	4.5kg	8
DCP	10kg	8
ABC	10KG	1
M. FOAM	09lit	5
W.CO2	09lit	7
IBD STORE - I		
CO2	4.5kg	17
CO2	6.5kg	2
CO2	22.5KG	1
DCP	10kg	22
ABC	10 kg	12
M. FOAM	09lit	3
DG AREA		
CO2	4.5kg	9
CO2	22.5kg	1
DCP	10kg	8
132 KV		
CO2	4.5kg	4
CO2	6.5kg	2
DCP	10kg	2
LPG YARD		
CO2	4.5kg	1
DCP	10kg	3
DRUM YARD		
M.FOAM	50LTR	2
DCP	10kg	1
ABC	10kg	4

Ipca Laboratories Limited Ratlam
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	SCRAP YARD	
CO2	4.5kg	1
DCP	10kg	3
	ENGG OFFICE	
CO2	4.5kg	1
DCP	10kg	1
	INPROCESS LAB	
CO2	4.5kg	7
DCP	10kg	1
ABC	10KG	1
	NEW DRYER ROOM	
CO2	4.5kg	2
	PHARMA QA REC. ROOM	
CO2	4.5kg	4
ABC	9KG	4
	AUTOMATION OFFICE	
CO2	4.5kg	1
ABC	9KG	1
	FORKILIFT CHAG. POINT	
CO2	4.5kg	2

Ipca Laboratories Limited Ratlam
ON-SITE EMERGENCY RESPONSE MANUAL

Annexure-XIV

All Licenses attached



LICENCE TO WORK A FACTORY
(Form No.3 prescribed under Rule 5 of M.P Factories Rules, 1962)

Nic Number : 21002

Fee(in Rs) : 1594778

Licence No : 06/7647/RTM/2m(i)/H

Challan No : 02308587

(Mention this number invariably in
all correspondences with this office)

Date : 18/11/2020

Factory Id : FAC1506604

Treasury : SBI,E-Payment

Licence is hereby granted to Mr./Mrs. : A.K. Jain

Occupier of : IPCA Laboratories Ltd.

Located at : Sejavta

District : Ratlam

(Subject to the provisions of the Factories Act, 1948 and the rules made there under and the conditions annexed here with) Valid only for the premises at the above location(as per the plan approved under the Factories Act and Rules) for use as a factory employing **More Than 5000 (More Than five thousand)** workers on any one day during the year and having installed motive power **More Than 5000 (More Than 5000)** Horse Power, where the manufacture process of **Manufacturing of Allopathic Medicines and Basic Drugs** will be carried by him.

This licence shall remain in force till the 31st day of December, 2025 (2021-2025)

Excess Amount : (In Rs)

Indore

Dated : 29/11/2020

Chief Inspector Of Factories
Madhya Pradesh

वैधानिक सूचना: यह प्रमाण-पत्र बगैर निरीक्षण अथवा सत्यापन के केवल आवेदक द्वारा दी गयी जानकारी के आधार पर जारी किया गया है अतः असत्य जानकारी पाये जाने पर आवेदक स्वयं उत्तरदायी होगा।

This is a digitally signed online verifiable document and does not need manual signature.
This certificate is accepted across all the departments and can be validated online on www.labour.mp.gov.in.

प्ररूप XV
(प्रथम अनुसूची का अनुच्छेद 6 देखिए)
FORM XV
(see Article 6 of the First Schedule)

अधिष्ठापनों में पेट्रोलियम के आयात और भंडारकरण के लिए अनुज्ञप्ति
LICENCE TO IMPORT AND STORE PETROLEUM IN AN INSTALLATION

अनुज्ञप्ति सं. (Licence No.) : P/HQ/MP/15/2590(P65221)

फीस रूपए (Fee Rs.) 22500/- per year

M/s. Ipca Laboratories Limited, Post Box No. 33, P.O. Sejavta, Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, PIN: 457002 को केवल इसमें यथा विनिर्दिष्ट वर्ग और मात्राओं में पेट्रोलियम 400.00 KL आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संख्या P/HQ/MP/15/2590(P65221) तारीख 04/07/2012 जो कि इससे उपाबद्ध हैं, में दिखाए गए स्थान पर भण्डारकरण के लिए पेट्रोलियम अधिनियम, 1934 के उपबंधों या उसके अधीन बनाए गए नियमों तथा इस अनुज्ञप्ति की अतिरिक्त शर्तों के अधीन रहते हुए, यह अनुज्ञप्ति अनुदत्त की जाती है।

Licence is hereby granted to M/s. Ipca Laboratories Limited, Post Box No. 33, P.O. Sejavta, Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, PIN: 457002 valid only for the importation and storage of 400.00 KL Petroleum of the class and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No P/HQ/MP/15/2590(P65221) dated 04/07/2012 attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

यह अनुज्ञप्ति 31st day of December 2024 तक प्रवृत्त रहेगी।

The Licence shall remain in force till the 31st day of December 2024

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त मात्रा (किलोलीटरों में) /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	400.00 KL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C, otherwise than in bulk	NIL
कुल क्षमता /Total Capacity	400.00 KL

June 25, 2004

For Chief Controller of Explosives
HQ, Nagpur

1). Amendment dated - 04/07/2012

अनुज्ञप्त परिसरों का विवरण और अवस्थान
DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

अनुज्ञप्त परिसर जिसकी विन्यास सीमाएं अन्य विशिष्टयां संलग्न अनुमोदित नक्शों में दिखाई गई हैं Plot No: 99/1,99/3,99/4,99/6,99/7,99/8,99/9,99/11 &123, Ratlam - Jaora (Mhow - Neemuch) Road, Sejavta,, District: RATLAM, State: Madhya Pradesh, PIN: 999999 स्थान पर अवस्थित है तथा उसमें निम्नलिखित Sixteen underground Storage Tanks for Petroleum ClassA togetherwith other connected facilities as shown in approved plan. सम्मिलित हैं।

The licensed premises, the layout , boundaries and other particulars of which are shown in the attached approved plan are situated at Plot No: 99/1,99/3,99/4,99/6,99/7,99/8,99/9,99/11 &123, Ratlam - Jaora (Mhow - Neemuch) Road, Sejavta,, District: RATLAM, State: Madhya Pradesh, PIN: 999999 and consists of Sixteen underground Storage Tanks for Petroleum ClassA togetherwith other connected facilities as shown in approved plan. together with connected facilities.

अनुज्ञप्ति संख्या-(Licence No.) P/HQ/MP/15/2590 (P65221)

नवीनीकरण के पृष्ठांकन के लिए स्थान
SPACE FOR ENDORSEMENT OF RENEWALS

पेट्रोलियम अधिनियम, १९३४ के उपबन्धोंनवीकरण की तारीख समाप्ति की तारीख अनुज्ञापन प्राधिकारी के हस्ताक्षर
या उनके अधीन बनाए गए नियमों या इस Date of Renewal Date of Expiry of license और स्टाम्प
अनुज्ञप्ति की शर्तों का उल्लंघन न होने की Signature and office stamp of
दशा में यह अनुज्ञप्ति फ़िस में बिना किसी the licencing authority.
छूट के दस वर्ष तक नवीकृत की जा सकेगी

This licence shall be renewable without any concession in fee for ten years in the absence of contravention of any provisions of the Petroleum Act, 1934 or of the rules framed thereunder or of any of the conditions of this licence.

- 1). 20/01/2005 31/12/2007 Sd/-
Dr. S K Dixit
- 2). 29/01/2008 31/12/2010 Sd/-
- 3). 13/01/2011 31/12/2013 Sd/-
Dr. Ashok Kumar Dalela
- 4). 01/01/2014 31/12/2016 Sd/-
M. K. Jhala
Jt. Chief Controller of
Explosives
For Dy. Chief Controller of
Explosives
Bhopal
- 5). 23/11/2016 31/12/2019 Sd/-
Wajjuddin
Dy. Chief Controller of
Explosives

- 6). 07/01/2020 31/12/2024 Wajiuiddin
Dy. Chief Controller of
Explosives
Bhopal

यदि अनुज्ञप्ति परिसर इसमें उपाबद्ध विवरण और शर्तों के अनुरूप नहीं पाए जाते हैं और जिन नियमों और शर्तों के अधीन यह अनुज्ञप्ति मंजूर की गई है उनमें से किसी का उल्लंघन होने की दशा में यह अनुज्ञप्ति रद्द की जा सकती है और अनुज्ञप्तिधारी प्रथम अपराध के लिए साधारण कारावास से, जो एक मास तक हो सकता है, या जुर्माने से, जो एक हजार रुपये तक हो सकता है, या दोनों से, और प्रत्येक पश्चातवर्ती अपराध के लिए साधारण कारावास से जो तीन मास तक हो सकता है, या जुर्माने से, जो पांच हजार रुपये तक हो सकता है, या दोनों से, दण्डनीय होगा।

This licence is liable to be cancelled if the licensed premises are not found conforming to the description given on the approved plan attached hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable for the first offence with simple imprisonment which may be extend to one month, or with fine which may extend to one thousand rupees, or with both and for every subsequent offence with simple imprisonment which may extend to three months, or with fine which may extend to five thousand rupees or with both.

प्ररूप XV
(प्रथम अनुसूची का अनुच्छेद 6 देखिए)
FORM XV
(see Article 6 of the First Schedule)

अधिष्ठापनों में पेट्रोलियम के आयात और भंडारकरण के लिए अनुज्ञप्ति
LICENCE TO IMPORT AND STORE PETROLEUM IN AN INSTALLATION

अनुज्ञप्ति सं. (Licence No.) : P/HQ/MP/15/786(P15627)

फीस रूप (Fee Rs.) 10000/- per year

M/S. IPCA LABORATORIES LTD., P.O. SEJAVTA, NA, Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, PIN: 457002 को केवल इसमें यथा विनिर्दिष्ट वर्ग और मात्राओं में पेट्रोलियम 66.50 KL आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संख्या P/HQ/MP/15/786(P15627) तारीख 31/01/2019 जो कि इससे उपाबद्ध हैं, में दिखाए गए स्थान पर भण्डारकरण के लिए पेट्रोलियम अधिनियम, 1934 के उपबंधों या उसके अधीन बनाए गए नियमों तथा इस अनुज्ञप्ति की अतिरिक्त शर्तों के अधीन रहते हुए, यह अनुज्ञप्ति अनुदत्त की जाती है।

Licence is hereby granted to M/S. IPCA LABORATORIES LTD., P.O. SEJAVTA, NA, Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, PIN: 457002 valid only for the importation and storage of 66.50 KL Petroleum of the class and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No P/HQ/MP/15/786(P15627) dated 31/01/2019 attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

यह अनुज्ञप्ति 31st day of December 2032 तक प्रवृत्त रहेगी।

The Licence shall remain in force till the 31st day of December 2032

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त मात्रा (किलोलीटरों में) /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	NIL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	38.50 KL
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C in bulk	28.00 KL
वर्ग ग प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C, otherwise than in bulk	NIL
कुल क्षमता /Total Capacity	66.50 KL

May 7, 1997

Chief Controller of Explosives

1). Amendment dated - 31/01/2019

अनुज्ञप्त परिसरों का विवरण और अवस्थान
DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

अनुज्ञप्त परिसर जिसकी विन्यास सीमाएं अन्य विशिष्टयां संलग्न अनुमोदित नक्शों में दिखाई गई हैं Plot No: NA, SEJAVTA, SEJAVTA, Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, PIN: 457001 स्थान पर अवस्थित है तथा उसमें निम्नलिखित 2 Above Ground tank(s) for CLASS B , 1 Above Ground tank(s) for CLASS C , सम्मिलित हैं।

The licensed premises, the layout , boundaries and other particulars of which are shown in the attached approved plan are situated at Plot No: NA, SEJAVTA, SEJAVTA, Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, PIN: 457001 and consists of 2 Above Ground tank(s) for CLASS B , 1 Above Ground tank(s) for CLASS C , together with connected facilities.

Note:-This is system generated document does not require signature.



फार्म नं. /FORM F

नियम 50,51 और 54 देखें / (See Rules 50, 51 and 54)

Licence to store compressed gas in cylinders



अनुमति संख्या/ Licence No. : G/CC/MP/06/953(G20342)

M/s. M/S IPCA LABORATORIES LTD, POST SEJAVTA,, District: Ratlam - 457002, City: Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, Pin: 457002 को नीचे वर्णित और रेखांक संख्या G/CC/MP/06/953(G20342) dated 28/09/1998 में दर्शित किए गए अनुमति परिसर में, भारतीय विस्फोटक अधिनियम, 1884 (1884 का 4) और उसके अधीन बनाए गए नियमों के उपबंधों तथा इस अनुमति की अन्य शर्तों के अधीन रहने हुए, केवल संपीड़ित गैस से भरे सिलिण्डरों को रखने के लिए ही विद्यमान अनुमति दी जाती है। /

Licence is hereby granted to M/s. M/S IPCA LABORATORIES LTD, POST SEJAVTA,, District: Ratlam - 457002, City: Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, Pin: 457002 valid only for the possession of cylinders filled with compressed gas in the licensed premises described below and shown in the plan No G/CC/MP/06/953 (G20342) dated 28/09/1998 subject to the provisions of the Explosives Act, 1884(4 of 1884) and the Rules made thereunder and to the further conditions of this licence.

यह अनुमति 30 सितम्बर 2024 तक प्रवृत्त रहेगी। / The Licence shall remain in force till the 30th September 2024.

For Jt. Chief Controller of Explosives

Agra

कृते संयुक्त मुख्य विस्फोटक नियंत्रक
आगरा

September 28, 1998

1)Amendment dated - 09/03/2020

विस्तृत विवरण और अवस्थिति / DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

विस्तृत विवरण के अनुसार सिलिण्डरों में गैस रखने के लिए अनुमति परिसर, जिसकी अभिन्यास सीमाओं और अन्य विशिष्टियों को संलग्न अनुमति रेखांक सं G/CC/MP/06/953 dated September 28, 1998 में दिखाया गया है, में अवस्थित है और जिसमें एक अणुकरण शेट है। / The licensed premises, the layout boundaries and other particulars of which are shown in the attached approved plan No. G/CC/MP/06/953 dated September 28, 1998 are situated at SEJAVTA and consists of a storage shed for possession of the gas contained in cylinders as described here under:

गैस का प्रकार /Type of Gas	मात्रा /Quantity
a) विषैले/ Toxic	AMMONIA - 30 Nos., CHLORINE - 10 Nos.
b) गैर विषैले और गैर ज्वलनशील /Non-Toxic and Non Flammable	NITROGEN - 125 Nos.
c) गैर विषैले और ज्वलनशील /Non-Toxic and Flammable	HYDROGEN - 15 Nos.
d) घुलित एसिटिलीन गैस /Dissolved Acetylene Gas	--NIL--
e) एलपीजी के अलावा गैर विषैले और ज्वलनशील द्रवित गैस /Non-Toxic & Flammable liquefiable gas other than LPG	Hydrochloric Acid - 100 Nos.
f) एलपीजी/ Liquefied Petroleum Gas	--NIL--

और प्लॉट संख्या PlotNo : - गली का नाम गांव : SEJAVTA या नगर पुलिस थाना : INDUSTRIAL AREA,RATLAM जिला : RATLAM,राज्य : Madhya Pradesh, / and is situated at PlotNo : - Village/Town :SEJAVTA Police Station : INDUSTRIAL AREA,RATLAM District : RATLAM, State: Madhya Pradesh.


नवीकरण के पृष्ठांक के लिए स्थान / SPACE FOR ENDORSEMENT OF RENEWALS

नवीकरण की तारीख/Date of Renewal	समाप्ति की तारीख/Date of Expiry	अनुमति प्राधिकारी के हस्ताक्षर/Signature and stamp of the licensing authority
15/09/2014	30/09/2024	M. K. Jhala DCCE For Dy. Chief Controller of Explosives Bhopal

यदि अनुमति परिसर इससे उपाय विवरण और शर्तों के अनुरूप नहीं पाया जाता है और जिन नियमों और शर्तों के अधीन यह अनुमति दी गई है, उनमें से किसी का उल्लंघन होता है तो यह अनुमति रद्द की जा सकती है और अनुमति का धारक कारावास से, जिसकी अवधि दो वर्ष तक की हो सकती, या जुर्माने से, जो तीन हजार रुपये तक का हो सकता, या दोनों से, दण्डनीय भी होगा। / This licence is liable to be cancelled if the licensed premises are not found conforming to the description and conditions attached hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable with imprisonment for the term which may extend to two years or with fine which may extend to three thousand rupees or with both.

गैस सिलेंडर नियम, 2016 के अधीन विषाक्त गैस कंटेनरों / सिलेंडर के भरण एवं भंडारण के लिए अतिरिक्त शर्तों/ADDITIONAL CONDITIONS FOR FILLING AND OR STORAGE OF TOXIC GASES CONTAINERS/CYLINDERS UNDER GAS CYLINDER RULES, 2016.

1. परिसर में परिचालन स्विच के साथ एक प्रभावशाली अलार्म प्रणाली की व्यवस्था की जाएगी। आपदा स्थिति में, परिसर में स्विच ऑपरेट करने पर नियंत्रण कक्ष में अलार्म सुना जा सकेगा।/An efficient alarm system with operating switch in the premises shall be provided. In case of emergency, the alarm can be heard in the control room by operating the switch in the premises.
2. विषाक्त गैस के रिसाव की आपदा स्थिति के लिए एक आपदा प्रबंधन योजना तैयार की जाएगी। योजना द्वारा संबंधित अधिकारी की जिम्मेदारी तय की जाएगी, जिन्हें रिसाव की स्थिति में विषाक्त गैस उपकरणों को संचालित करने के विभिन्न पहलुओं के बारे में परिशिक्षित किया जाएगा।/A Disaster Management Plan for operation in case of emergency of leakage of toxic gas shall be prepared. The plan shall fix responsibility on the concerned officers who shall be trained in the different aspects of handling toxic gas equipments in case of leakage.
3. आपदा स्थिति में उपयोग के लिए परिसर में या इसके पास एक या अधिक पर्याप्त दबाव के हायड्रंट पॉइंट्स उपलब्ध कराए जाएंगे।/One or more hydrant point(s) with adequate pressure shall be provided in or near the premises for use in emergency.
4. परिसर में कम से कम दो आत्म निहित श्वास तंत्र (सेल्फ कंटैड ब्रीदिंग अपैरेटस) और दो कनस्टर प्रकार के गैस मास्क सहज सुलभ स्थान में रखे जाएंगे।/At least two numbers self contained breathing apparatus and two Canister type Gas Masks shall be kept in the premises in a readily accessible location.
5. परिसर में या इसके पास विषाक्त गैस के रिसाव का पता लगाने के लिए पोर्टेबल उपकरण उपलब्ध कराया जाएगा।/Portable devices for detection of toxic gas leakage shall be made available in or near the premises.
6. हवा की दिशा निर्धारित करने के लिए उपयुक्त स्थान पर एक वातदिग्दर्शक-मुर्ग उपलब्ध कराया जाएगा जिससे विषाक्त गैस के रिसाव की स्थिति में श्रमिकों को हवा के विरुद्ध दिशा में स्थानांतरित किया जा सके।/A weathercock shall be provided at a suitable location for determining wind direction so that in case of leakage of toxic gas, the workers can move against wind direction.
7. अनुसंधान के पास विभिन्न उपकरण और औजार, जैसे सिलेंडर और टनरों के लिए वाल्व हूड, सिलेंडर वाल्व रिसाव के लिए चैन और टनरों के वाल्व के रिसाव के लिए चेन और योक असेंबली सहित उपकरणों से मिलकर बनी आपदाकालीन किट उपलब्ध होनी चाहिए।/Emergency kit consisting of various appliances and tools including valve hood assembly for cylinders and tonners, clamp for cylinder valve leaks and chain and yoke assembly for tonner valve leaks shall be available with the licensee.
8. संभर के बंद होने/लॉक-अप के मामले में, परिसर में बड़े विषाक्त गैस युक्त सिलेंडर नहीं रखा जाएगा।/In case of closure/lock-up of the filling plant, no cylinder containing toxic gas shall be retained in the premises.
9. रिसाव के मामले में विषाक्त गैस के निष्प्राणवीकरण के लिए पर्याप्त सुविधाएं प्रदान की जाएगी।/Adequate facilities for neutralization of toxic gas shall be provided in case of leakage.
10. विषाक्त गैस परिसर में उचित सिलेंडर लोडिंग/उन्लोडिंग (अनलोडिंग) और हथलाई (हैंडलिंग) की व्यवस्था की जाएगी।/Proper cylinder loading/unloading and handling arrangements shall be made in the toxic gas premises.


for Dy. Chief Controller of Explosives
Bhopal

कृते उप मुख्य विस्फोटक नियंत्रक
भोपाल

निरीक्षण कर पृष्ठांकित की गई

रजय मु. वि. नि. भोपाल



फॉर्म नं./FORM F

फॉर्म 50, 51 और 54 का (See Rules 50, 51 and 54)
Licence to store compressed gas in cylinders

लिसेंस नंबर/ Licence No : G/CB/MP/06/523(G54571)

वर्षिक शुल्क / Fee Rs. 4000/- per year

M/s. IPCA LABORATORIES LTD, POST SEJAVTA., City: Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, Pin: 457002
G/CB/MP/06/523(G54571) dated 16/09/2019 is hereby issued on the approved plan No. G/CB/MP/06/523 dated 16/09/2019 subject to the provisions of the Explosives Act, 1884 (1884 Act 4) and the Rules made thereunder and to the further conditions of this licence.

Licence is hereby granted to M/s. IPCA LABORATORIES LTD, POST SEJAVTA., City: Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, Pin: 457002 valid only for the possession of cylinders filled with compressed gas in the licensed premises described below and shown in the plan No G/CB/MP/06/523 (G54571) dated 16/09/2019 subject to the provisions of the Explosives Act, 1884(4 of 1884) and the Rules made thereunder and to the further conditions of this licence.

यह लिसेंस 30 सितंबर 2028 तक प्रवृत्त रहेगा / The Licence shall remain in force till the 30th September 2028.

September 16, 2019

For Dy. Chief Controller of Explosives
Bhopal

अनुमति प्राप्त या विवरण और अवधि / DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

निम्नलिखित विवरण के अनुसार निम्नलिखित स्थान पर गैस सिलिंडरों का भंडारण किया जा रहा है, इसकी अवधि और अन्य शर्तों का विवरण इस लिसेंस नंबर G/CB/MP/06/523 dated September 16, 2019 में दिखाया गया है, जो लिसेंस के अंतर्गत
The licensed premises, the layout boundaries and other particulars of which are shown in the attached approved plan No G/CB/MP/06/523 dated September 16, 2019 are situated at Sejavta and consists of a storage shed for possession of the gas contained in cylinders as described here under.

गैस का प्रकार / Type of Gas	मात्रा / Quantity
a) विषैला/ Toxic	--NIL--
b) विषैला और वि-ज्वलनीय / Non-Toxic and Non Flammable	--NIL--
c) विषैला और ज्वलनीय / Non-Toxic and Flammable	--NIL--
d) घुलनशील असीटिलीन गैस / Dissolved Acetylene Gas	HYDROGEN - 152 Nos.
e) ज्वलनीय और दहनशील गैस / Non-Toxic & Flammable liquefiable gas other than LPG	--NIL--
f) दहनशील / Liquefied Petroleum Gas	--NIL--

यह लिसेंस नंबर Khasra No : 99/03 स्थान पर स्थित है : Sejavta पोलिस स्टेशन : Ratlam जिला : RATLAM, राज्य : Madhya Pradesh
/ and is situated at Khasra No : 99/03 Village/Town : Sejavta Police Station : Ratlam District : RATLAM, State: Madhya Pradesh.

नवीकरण के पुरांकरण के लिए स्थान / SPACE FOR ENDORSEMENT OF RENEWALS

विवरण / Details	नवीकरण की तिथि / Date of Renewal	अवधि का अंत / Date of Expiry	अनुमति प्रदाता के हस्ताक्षर/Signature and stamp of the licensing authority
यह लिसेंस नंबर, विवरण, 1884 का अंतर्गत है, जो 10 वर्षों के लिए प्रवृत्त है, 2016 के अधिनियम के अंतर्गत। This licence shall be renewable without any concession in fee for ten years in the absence of contravention of the provision of the Explosives Act, 1884 or Gas Cylinders Rules, 2016, framed thereunder or of the conditions of the licence.			

यदि अनुमति प्राप्त स्थान पर गैस सिलिंडरों का भंडारण नहीं किया जाता है तो लिसेंस रद्द कर दिया जाएगा और लिसेंस धारक को दो वर्षों तक जेल या जुर्माना या दोनों का सामना करना पड़ेगा।
This licence is liable to be cancelled if the licensed premises are not found conforming to the description and conditions attached hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable with imprisonment for the term which may extend to two years or with fine which may extend to three thousand rupees or with both.



भारत सरकार / Government of India
वाणिज्य और उद्योग मंत्रालय/Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन /Petroleum & Explosives Safety Organisation (PESO)
ई - 7/77, द्वितीय तल, लाला लाजपत राय सोसाइटी, 12 नंबर बस स्टॉप के पास, अररा कालोनी
भोपाल - 462016

E - 7/77, IInd Floor, Lala Lajpat Rai Society, Near 12 No. Bus Stop, Arera Colony, Bhopal - 462016

ईमेल /E-mail : dyccebhopal@explosives.gov.in

दूरभाष /Phone/Fax No : (0755) 2445270/2420775/4293966 FAX
2429997

सं /No : G/CB/MP/06/637(G67747)

दि/Dated : 01/11/2021

सेवा में /To,

M/s. Ipca Laboratories Ltd.,
Village & P.O.Sejavta,
City: Ratlam,
Taluka: Ratlam,
District: RATLAM
State: Madhya Pradesh
Pin : 457002

विषय /Sub : Khasra No: 120/1,, Village Sejavta, Village/Town: Sejavta, City: Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, Pin : 457002 - में सिलेंडरों में LPG गैस का भंडारण. गैस सिलेंडर नियम, 2016 के फार्म एफ के अंतर्गत - निरीक्षण एवं अनुज्ञप्ति का पृष्ठांकन करने के बारे में/Storage of LPG in cylinders at Khasra No: 120/1,, Village Sejavta, Village/Town: Sejavta, City: Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, Pin : 457002 - cover under Licence G/CB/MP/06/637(G67747) granted in Form F of Gas Cylinders Rules, 2016 - Inspection & Endorsement of licence regarding.

महोदय/Sir
(s),

कृपया इस कार्यालय के दि. 15/07/2021के ज्ञापन सं G/CB/MP/06/637(G67747) और दि. 23/07/2021 को उपरोक्त परिसर का अधोहस्तोत्तरकर्ता/ इस कार्यालय के अधिकारी द्वारा को किए गए निरीक्षण का अवलोकन करें/ Please refer to the this office Memo No : G/CB/MP/06/637(G67747) dated 15/07/2021 and inspection of the above premises by the undersigned /an officer of this office on 23/07/2021

The subject licence is returned herewith duly endorsed. The receipt of the licence may please be acknowledged.

कृपया नोट करें कि गैस सिलेंडर नियम, 2016 के नियम 55(5) के अनुसार, अनुज्ञप्ति के पुनः नवीकरण हेतु आवेदन this office कार्यालय को इस अनुज्ञप्ति की वैधता समाप्त होने के पूर्व (दिनांक 30 सितम्बर 2030 को या इससे पूर्व) जमा कर दें। दिनांक 30 सितम्बर 2030 के पश्चात परंतु दिनांक 30 सितम्बर 2031 से पूर्व प्राप्त नवीनीकरण आवेदन, गैस सिलेंडर नियम, 2016 के नियम 55(7) के अनुसार वित्त शुल्क के साथ ही विचाराधीन होगा। दिनांक 30 सितम्बर 2031 तक कोई नवीनीकरण आवेदन प्राप्त नहीं होने की स्थिति में यह अनुज्ञप्ति स्वतः निरस्त हो जाएगी। /Please note that your application for further renewal should reach this office on or before 30th September, 2030 along with all the documents as required under Rule 55(5) of Gas Cylinders Rules, 2016. Application for renewal of licence received after 30th September, 2030 but not later than 30th September, 2031 be considered only with penalty fee vide rule 55(7) (a)/(b) of said Rules. The licence will automatically expire if no application is received upto 30th September, 2031.

भवदीय /Yours faithfully,

(तेजवीर सिंह)

(Tejveer Singh)

उप विस्फोटक नियंत्रक

Dy. Controller of Explosives

कृते संयुक्त मुख्य विस्फोटक नियंत्रक

For Jt. Chief Controller of Explosives

भोपाल/Bhopal

[अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए कृपया हमारी वेबसाइट <http://peso.gov.in> देखें]
(For more information regarding status, fees and other details please visit our website <http://peso.gov.in>)

Note:-This is system generated document does not require physical signature.



भारत सरकार / Government of India
वाणिज्य और उद्योग मंत्रालय/Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन /Petroleum & Explosives Safety Organisation (PESO)
ई - 7/77, द्वितीय तल, लाला लाजपत राय सोसाइटी, 12 नंबर बस स्टॉप के पास, अरेरा कालोनी
भोपाल- 462016

E - 7/77, IInd Floor, Lala Lajpat Rai Society, Near 12 No. Bus Stop, Arera Colony, Bhopal - 462016

ई-मेल/E-mail : dyccebhopal@explosives.gov.in

दूरभाष/Phone/Fax No : (0755) 2445270/2420775/4293966 FAX
2429997

दि/Date : 15/07/2021

सं/No : G/CB/MP/06/637(G67747)

सेवा में /To,

M/s. Ipca Laboratories Ltd.,
Village & P.O. Sejavta,
City: Ratlam,
Taluka: Ratlam,
District: RATLAM
State: Madhya Pradesh
Pin : 457002

विषय/Sub : Khasra No: 120/1., Village Sejavta, Village/Town: Sejavta, City: Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, Pin : 457002 - में सिलेंडरों में LPG गैस का भंडारण- गैस सिलेंडर नियम, 2016 के अंतर्गत - अनुज्ञप्ति जारी करने के बारे में/Storage of LPG gas in cylinders at Khasra No: 120/1., Village Sejavta, Village/Town: Sejavta, City: Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, Pin : 457002 - under Gas Cylinders Rules, 2016 - Grant of licence regarding.

महोदय/Sir
(a),

कृपया आपके दि. 07/07/2021 के आवेदन सं. OIN804580 का संदर्भ ग्रहण करें/ Please refer to your application No. OIN804580 dated 07/07/2021 .

गैस सिलेंडर नियम, 2016 के अधीन, सिलेंडरों में LPG - 912 Kgs., सं Nos. of LPG गैस भाण्डारण के लिए प्ररूप 'च' में स्वीकृत दिनांक 30/09/2030 तक वैध अनुज्ञप्ति संख्या G/CB/MP/06/637 dated Jul 15, 2021 this office को भंडारण गोडाउन के निरीक्षण एवं अनुज्ञप्ति के पृष्ठांकन के लिए भेजी जा रही है। /Licence Number: G/CB/MP/06/637 dated Jul 15, 2021 granted in Form 'F' under Gas Cylinders Rules, 2016 Valid upto 30/09/2030 for storage of LPG - 912 Kgs., of LPG in cylinders has been forwarded to the this office for inspection of your storage godown and endorsement of licence.

कृपया नोट करें कि गैस सिलेंडर नियम, 2016 के नियम 55(5) के अनुसार, अनुज्ञप्ति के पुनः नवीकरण हेतु आवेदन this office कार्यालय को इस अनुज्ञप्ति की वैधता समाप्त होने के पूर्व (दिनांक 30 सितम्बर 2030 को या इससे पूर्व) जमा कर दें। दिनांक 30 सितम्बर 2030 के पश्चात परंतु दिनांक 30 सितम्बर 2031 से पूर्व प्राप्त नवीनीकरण आवेदन, गैस सिलेंडर नियम, 2016 के नियम 55(7) के अनुसार विलंब शुल्क के साथ ही विचारणीय होगा। दिनांक 30 सितम्बर 2031 तक कोई नवीनीकरण आवेदन प्राप्त नहीं होने की स्थिति में यह अनुज्ञप्ति स्वतः निरस्त हो जाएगी। /Please note that application for renewal of the licence should be submitted so as to reach this office before the licence expires (i.e. on or before 30th September, 2030) as required under Rule 55(5) of Gas Cylinders Rules, 2016. Application for renewal of licence received after 30th September, 2030 but not later than 30th September, 2031 shall be considered only with late fee applicable vide Rule 55(7) (a)(b) of said Rules. The licence will automatically expire if no application is received upto 30th September, 2031.

कृपया इस पत्र की प्राप्ति की पावती दें। /Please acknowledge the receipt of this letter.

भवदीय/Yours faithfully,

(वजी उद्दीन)
(Wajuddin)
संयुक्त मुख्य विस्फोटक नियंत्रक
Jt. Chief Controller of Explosives
कृते उप मुख्य विस्फोटक नियंत्रक
For Dy. Chief Controller of Explosives
भोपाल/Bhopal

Copy forwarded to :-

1. The Gram Panchayat (For LPG), RATLAM(Madhya Pradesh) with reference to his NOC No Q/2021 Dated 15/06/2021

For Dy. Chief Controller of Explosives
Bhopal

[अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए कृपया हमारी वेबसाइट <http://peso.gov.in> देखें।](For more information regarding status, fees and other details please visit our website <http://peso.gov.in>)

Note:-This is system generated document does not require physical signature.



भारत सरकार
फॉर्म F FORM F
नियम 50,51 और 64 देखें (See Rules 50, 51 and 64)
Licence to store compressed gas in cylinders

अनुज्ञापि संख्या/ Licence No.: G/CB/MP/06/637(G67747)

वार्षिक शुल्क / Fee Rs. 2000/- per year

M/s. Ipca Laboratories Ltd., Village & P.O. Sejavta, City: Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, Pin: 457002 को नीचे वर्णित और रेखांक संख्या G/CB/MP/06/637(G67747) dated 15/07/2021 में वर्णित स्थल पर अनुज्ञापि परिसर में, भारतीय विस्फोटक अधिनियम, 1894 (1894 का 4) और उसके अधीन बनाए गए नियमों के उपबंधों तथा इस अनुज्ञापि की अन्य शर्तों के अधीन रहते हुए, केवल सॉलिड गैस से भरे सिलिंडरों को रखने के लिए ही विधिवत अनुज्ञापि दी जाती है।

Licence is hereby granted to M/s. Ipca Laboratories Ltd., Village & P.O. Sejavta, City: Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, Pin: 457002 valid only for the possession of cylinders filled with compressed gas in the licensed premises described below and shown in the plan No G/CB/MP/06/637(G67747) dated 15/07/2021 subject to the provisions of the Explosives Act, 1884 (of 1884) and the Rules made thereunder and to the further conditions of this licence.

यह अनुज्ञापि 30 सितम्बर 2030 तक प्रवृत्त रहेगी। / The Licence shall remain in force till the 30th September 2030.

For Dy. Chief Controller of Explosives

July 15, 2021

Bhopal
कृते उप मुख्या विस्फोटक निष्पन्न
भारत

अनुज्ञापि परिसर का विवरण और अवस्थिति / DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

निम्नलिखित विवरण के अनुसार सिलिंडरों में भरी गैस रखने के लिए अनुज्ञापि परिसर, जिसकी अभियारा सीमाओं और अन्य विशेषताओं को संलग्न अनुमोदित रेखांक संख्या G/CB/MP/06/637 dated July 15, 2021 में दिखाया गया है, में अवस्थित है और जिसमें एक भण्डारण शेड है। / The licensed premises, the layout boundaries and other particulars of which are shown in the attached approved plan No. G/CB/MP/06/637 dated July 15, 2021 are situated at Sejavta and consists of a storage shed for possession of the gas contained in cylinders as described here under:

गैस का प्रकार / Type of Gas	मात्रा / Quantity
a) विषैले/ Toxic	-NIL-
b) विषैले और गैर ज्वलनशील / Non-Toxic and Non Flammable	-NIL-
c) विषैले और गैर ज्वलनशील / Non-Toxic and Flammable	-NIL-
d) घोलित एसिटिलीन गैस Dissolved Acetylene Gas	-NIL-
e) ज्वलनशील गैस अलावा गैर विषैले और ज्वलनशील द्रवित गैस / Non-Toxic & Flammable liquefiable gas other than LPG	-NIL-
f) द्रवित पेट्रोलियम गैस Liquefied Petroleum Gas	LPG - 912 Kgs.

और प्लान संख्या KhassraNo : 120/1, गली का नाम गांव : Sejavta या नगर पुलिस थाना : Ratlam जिला : RATLAM राज्या : Madhya Pradesh / and is situated at KhassraNo : 120/1, Village/Town : Sejavta Police Station : Ratlam District : RATLAM, State: Madhya Pradesh.

अनुज्ञापि के पुनर्जांच के लिए स्थान / SPACE FOR ENDORSEMENT OF RENEWALS

	नवीकरण की तारीख/Date of Renewal	समाप्ति की तारीख/Date of Expiry	अनुज्ञापि प्राधिकारी के हस्ताक्षर/Signature and stamp of the licensing authority
इस अनुज्ञापि को, विस्फोटक अधिनियम, 1894 या उसके अधीन बनाए गए गैस विस्फोटक नियम, 2016 के उपबंधों या इस अनुज्ञापि की शर्तों का उल्लंघन न होने की दशा में, फीस में कोई छूट दिए बिना दस वर्ष तक नवीकृत किया जाएगा। / This licence shall be renewable without any concession in fee for ten years in the absence of contravention of the provision of the Explosives Act, 1894 or Gas Cylinders Rules, 2016, framed thereunder or of the conditions of the licence			

यदि अनुज्ञापि परिसर इससे उपाखण्ड विवरण और शर्तों के अनुरूप नहीं पाया जाता है और किन नियमों और शर्तों के अधीन यह अनुज्ञापि दी गई है, उनमें से किसी का उल्लंघन होता है तो यह अनुज्ञापि रद्द की जा सकती है और अनुज्ञापि का धारक कारावास से, जिसकी अवधि दो वर्ष तक की हो सकती है, या जुर्माने से, जो तीन हजार रुपये तक का हो सकता है, या दोनों से, दण्डनीय भी होगा। / This licence is liable to be cancelled if the licensed premises are not found conforming to the description and conditions attached hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable with imprisonment for the term which may extend to two years or with fine which may extend to three thousand rupees or with both.

MOCK DRILL CALENDER -2024

Sr.No.	Dept.	Shift	Plan/Actual	Jan.	Feb.	March	April	May	June	July	Aug	Sep.	Oct.	Nov.	Dec.	
1	BD I , III , VII	G	P A	24.01.2024	Entrapping in Confined Space											
2	Admin Building & QA	G	P A		15.02.2024	Food Poison										
3	IBD - XVIII,XXI,XX ,XIV ,XVI & XVII ,Column XXI ,XX DG 4 ,Ut.XIX,XVIII	G	P A			13.03.2024	Leakage of Toxic gas /Vapours									
4	B.D.Store ,UGS.Yard ,DM , IBD- XIX,XXIV,IX & X	G	P A			29.03.2024	Flire									
5	PHARMA I ,2 ,3 ,QC API , QC Pharma ,QC-Micro,	G	P A	Fire			16.04.2024									
6	Comprehensive site wide mock drill	G	P A				08.05.2024	Fire & Explosion								
7	ETP ,Boiler ,RO ,MEE , Incinerator , IBD XIII , XIII E , V & Power House	G	P A	Heavy rain & flood						07.06.2024						
8	IBD XV , XVB ,XXII , XVB Column	N	P A						19.06.2024	Spillage of flammable Solvent + Fire						
9	Fabrication Yard , Gen. Store & Eng. Store	G	P A	Rescue At height							05.07.2024					
10	IBD XXIII ,Inprocess Lab ,FG Store , IBD II , II E , ,PEC Lab,DM Water I,FDC III	G	P A							07.08.2024	Spillage of flammable chemical + Fire					
11	Power House III	S	P A	Electrical Shock									11.09.2024			
12	Security ,FG Store ,RM/PM Store	N	P A									09.10.2024	Bomb Threat			
13	Comprehensive site wide mock drill	G	P A	Earthquake + Structure Collapse											14.11.2024	
14	IBD IV , VI , XI ,XII , Ut.VI	S	P A	Spillage of Toxic chemical											13.12.2024	

Any change in schedule shall be intimated to concerned.

Abbreviation :- P - Planned , A - Actual , G - General Shift S-Second shift , N - Night Shift , -

Low Degree

MID Degree ,

High Degree

Prepared By:-

Prashant Pushker

[Signature]
05/01/24

Approved By:-

Mr. Indrasen Singh

[Signature]
05/01/24

प्ररूप XV
(प्रथम अनुसूची का अनुच्छेद 6 देखिए)
FORM XV
(see Article 6 of the First Schedule)

अधिष्ठापनों में पेट्रोलियम के आयात और भंडारकरण के लिए अनुज्ञप्ति
LICENCE TO IMPORT AND STORE PETROLEUM IN AN INSTALLATION

अनुज्ञप्ति सं. (Licence No.) : P/HQ/MP/15/2590(P65221)

फीस रूपर (Fee Rs.) 22500/- per year

M/s. Ipca Laboratories Limited, Post Box No. 33, P.O. Sejavta, Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, PIN: 457002 को केवल इसमें यथा विनिर्दिष्ट वर्ग और मात्राओं में पेट्रोलियम 400.00 KL आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संख्या P/HQ/MP/15/2590(P65221) तारीख 04/07/2012 जो कि इससे उपाबद्ध हैं, में दिखाए गए स्थान पर भण्डारकरण के लिए पेट्रोलियम अधिनियम, 1934 के उपबंधों या उसके अधीन बनाए गए नियमों तथा इस अनुज्ञप्ति की अतिरिक्त शर्तों के अधीन रहते हुए, यह अनुज्ञप्ति अनुदत्त की जाती है।

Licence is hereby granted to M/s. Ipca Laboratories Limited, Post Box No. 33, P.O. Sejavta, Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, PIN: 457002 valid only for the importation and storage of 400.00 KL Petroleum of the class and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No P/HQ/MP/15/2590(P65221) dated 04/07/2012 attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

यह अनुज्ञप्ति 31st day of December 2024 तक प्रवृत्त रहेगी।

The Licence shall remain in force till the 31st day of December 2024

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त मात्रा (किलोलीटरों में) /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	400.00 KL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C, otherwise than in bulk	NIL
कुल क्षमता /Total Capacity	400.00 KL

June 25, 2004

For Chief Controller of Explosives
HQ, Nagpur

1). Amendment dated - 04/07/2012

अनुज्ञप्त परिसरों का विवरण और अवस्थान

DESCRIPTION AND LOCATJON OF THE LICENSED PREMISES

अनुज्ञप्त परिसर जिसकी विन्यास सीमाएं अन्य विशिष्ट्यां संलग्न अनुमोदित नक्शों में दिखाई गई हैं Plot No: 99/1,99/3,99/4,99/6,99/7,99/8,99/9,99/11 &123, Ratlam - Jaora (Mhow - Neemuch) Road, Sejavta,, District: RATLAM, State: Madhya Pradesh, PIN: 999999 स्थान पर अवस्थित हैं तथा उसमें निम्नलिखित Sixteen underground Storage Tanks for Petroleum ClassA togetherwith other connected facilities as shown in approved plan. सम्मिलित हैं।

The licensed premises, the layout , boundaries and other particulars of which are shown in the attached approved plan are situated at Plot No: 99/1,99/3,99/4,99/6,99/7,99/8,99/9,99/11 &123, Ratlam - Jaora (Mhow - Neemuch) Road, Sejavta,, District: RATLAM, State: Madhya Pradesh, PIN: 999999 and consists of Sixteen underground Storage Tanks for Petroleum ClassA togetherwith other connected facilities as shown in approved plan. together with connected facilities.

अनुज्ञप्ति संख्या-(Licence No.) P/HQ/MP/15/2590 (R65221)

नवीनीकरण के पृष्ठांकन के लिए स्थान
SPACE FOR ENDORSEMENT OF RENEWALS

पेट्रोलियम अधिनियम, १९३४ के उपबन्धोंनवीकरण की तारीख समाप्ति की तारीख अनुज्ञापन प्राधिकारी के हस्ताक्षर या उनके अधीन बनाए गए नियमों या इस अनुज्ञप्ति की शर्तों का उल्लंघन न होने की दशा में यह अनुज्ञप्ति फ़िस में बिना किसी छूट के दस वर्ष तक नवीकृत की जा सकेगी

Date of
RenewalDate of
Expiry of license

और स्टाम्प

Signature and office stamp of
the licencing authority.

This licence shall be renewable without any concession in fee for ten years in the absence of contravention of any provisions of the Petroleum Act, 1934 or of the rules framed thereunder or of any of the conditions of this licence.

- | | | | |
|-----|------------|------------|---|
| 1). | 20/01/2005 | 31/12/2007 | Sd/-
Dr. S K Dixit |
| 2). | 29/01/2008 | 31/12/2010 | Sd/- |
| 3). | 13/01/2011 | 31/12/2013 | Sd/-
Dr. Ashok Kumar Dalela |
| 4). | 01/01/2014 | 31/12/2016 | Sd/-
M. K. Jhala
Jt. Chief Controller of
Explosives
For Dy. Chief Controller of
Explosives
Bhopal |
| 5). | 23/11/2016 | 31/12/2019 | Sd/-
Wajiuddin
Dy. Chief Controller of
Explosives |

प्ररूप XV
(प्रथम अनुसूची का अनुच्छेद 6 देखिए)
FORM XV
(see Article 6 of the First Schedule)

अधिष्ठापनों में पेट्रोलियम के आयात और भंडारकरण के लिए अनुज्ञप्ति
LICENCE TO IMPORT AND STORE PETROLEUM IN AN INSTALLATION

अनुज्ञप्ति सं. (Licence No.) : P/HQ/MP/15/2590(P65221)

फीस रूप (Fee Rs.) 22500/- per year

M/s. Ipca Laboratories Limited, Post Box No. 33, P.O. Sejavta, Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, PIN: 457002 को केवल इसमें यथा विनिर्दिष्ट वर्ग और मात्राओं में पेट्रोलियम 400.00 KL आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संख्या P/HQ/MP/15/2590(P65221) तारीख 04/07/2012 जो कि इससे उपाबद्ध हैं, में दिखाए गए स्थान पर भण्डारकरण के लिए पेट्रोलियम अधिनियम, 1934 के उपबंधों या उसके अधीन बनाए गए नियमों तथा इस अनुज्ञप्ति की अतिरिक्त शर्तों के अधीन रहते हुए, यह अनुज्ञप्ति अनुदत्त की जाती है।

Licence is hereby granted to M/s. Ipca Laboratories Limited, Post Box No. 33, P.O. Sejavta, Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, PIN: 457002 valid only for the importation and storage of 400.00 KL Petroleum of the class and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No P/HQ/MP/15/2590(P65221) dated 04/07/2012 attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

यह अनुज्ञप्ति 31st day of December 2024 तक प्रवृत्त रहेगी।

The Licence shall remain in force till the 31st day of December 2024

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त मात्रा (किलोलीटरों में) /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	400.00 KL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C, otherwise than in bulk	NIL
कुल क्षमता /Total Capacity	400.00 KL

June 25, 2004

For Chief Controller of Explosives
HQ, Nagpur

प्ररूप XV
(प्रथम अनुसूची का अनुच्छेद 6 देखिए)
FORM XV
(see Article 6 of the First Schedule)

अधिष्ठापनों में पेट्रोलियम के आयात और भंडारकरण के लिए अनुज्ञप्ति
LICENCE TO IMPORT AND STORE PETROLEUM IN AN INSTALLATION

अनुज्ञप्ति सं. (Licence No.) : **P/HQ/MP/15/786(P15627)**

फीस रूपए (Fee Rs.) **10000/-** per year

M/S. IPCA LABORATORIES LTD., P.O. SEJAVTA, NA, Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, PIN: 457002 को केवल इसमें यथा विनिर्दिष्ट वर्ग और मात्राओं में पेट्रोलियम **66.50 KL** आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संख्या **P/HQ/MP/15/786(P15627)** तारीख **31/01/2019** जो कि इससे उपाबद्ध हैं, में दिखाए गए स्थान पर भण्डारकरण के लिए पेट्रोलियम अधिनियम, 1934 के उपबंधों या उसके अधीन बनाए गए नियमों तथा इस अनुज्ञप्ति की अतिरिक्त शर्तों के अधीन रहते हुए, यह अनुज्ञप्ति अनुदत्त की जाती है।

Licence is hereby granted to **M/S. IPCA LABORATORIES LTD., P.O. SEJAVTA, NA, Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, PIN: 457002** valid only for the importation and storage of **66.50 KL** Petroleum of the class and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No **P/HQ/MP/15/786(P15627)** dated **31/01/2019** attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

यह अनुज्ञप्ति 31st day of December **2032** तक प्रवृत्त रहेगी।

The Licence shall remain in force till the 31st day of December **2032**

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त मात्रा (किलोलीटरों में) /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	NIL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	38.50 KL
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C in bulk	28.00 KL
वर्ग ग प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C, otherwise than in bulk	NIL
कुल क्षमता /Total Capacity	66.50 KL

May 7, 1997

Chief Controller of Explosives

1). Amendment dated - 31/01/2019

अनुज्ञप्त परिसरों का विवरण और अवस्थान
DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

अनुज्ञप्त परिसर जिसकी विन्यास सीमाएं अन्य विशिष्टयां संलग्न अनुमोदित नक्शों में दिखाई गई हैं **Plot No: NA, SEJAVTA, SEJAVTA, Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, PIN: 457001** स्थान पर अवस्थित है तथा उसमें निम्नलिखित **2 Above Ground tank(s) for CLASS B , 1 Above Ground tank(s) for CLASS C** , सम्मिलित हैं।

The licensed premises, the layout , boundaries and other particulars of which are shown in the attached approved plan are situated at **Plot No: NA, SEJAVTA, SEJAVTA, Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, PIN: 457001** and consists of **2 Above Ground tank(s) for CLASS B , 1 Above Ground tank(s) for CLASS C** , together with connected facilities.

Note:-This is system generated document does not require signature.

Annexure - 08

Photographs of Fragrance Trees/Shrubs



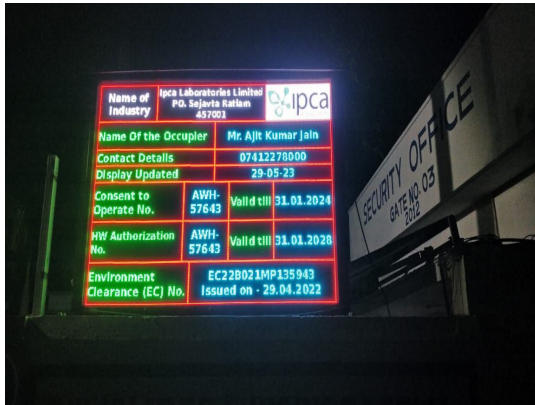




Annexure-09

Photographs of Digital Display Board

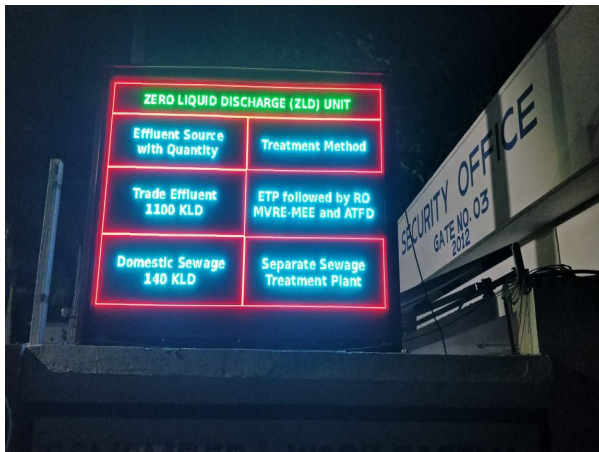
Name & Details of Company



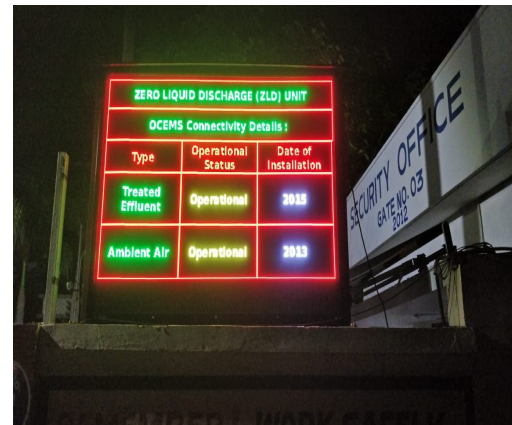
Total Production Capacity



ZLD Scheme



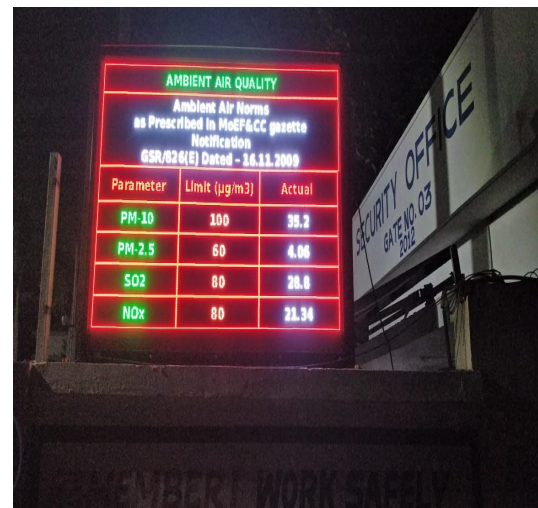
OCEMS Connectivity Details



Continuous Effluent Monitoring System



Ambient Air Monitoring System



Hazardous Waste Details

HAZARDOUS WASTE			
Type of Waste (Category no)	Qty. MT/Yr	Present Stock-MT	Mode of Disposal
Spent Solvents (I - 28.6)	2500	41.63	Incineration/co-processing/TSDF facility/recycling/pre-processing/reuse/authorized recycler
Process residue and wastes (I - 28.1)	1500	1.79	Incineration / co-processing / TSDF facility / pre-processing

HAZARDOUS WASTE			
Type of Waste (Category no)	Qty. MT/Yr	Present Stock-MT	Mode of Disposal
Chemical sludge from waste water treatment (I - 35.3)	5000	55.66	TSDF facility/ recycling/ pre-processing/ authorized recycler
Chemical sludge from waste water treatment (MEC salt) (I - 35.4)	4200	8	TSDF facility/ pre-processing
Oil & grease skimming residues (I - 35.4)	4200	0	TSDF facility/ pre-processing

HAZARDOUS WASTE			
Type of Waste (Category no)	Qty. MT/Yr	Present Stock-MT	Mode of Disposal
Ash from incineration of hazardous waste / flue gas cleaning residue (I - 37.2)	70	0.26	Co-processing / TSDF facility / pre-processing
Contaminated cotton rags or other cleaning materials (I - 33.2)	15	0	Incineration / co-processing / TSDF facility / pre-processing / authorized recycler

HAZARDOUS WASTE			
Type of Waste (Category no)	Qty. MT/Yr	Present Stock-MT	Mode of Disposal
Spent carbon (I - 28.6.3)	1500	6.35	Incineration/ co-processing / TSDF facility/ recycling/ pre-processing
Chemical-containing residue from decontamination (I - 34.1)	4	0	Incineration/ co-processing/ pre-processing

HAZARDOUS WASTE			
Type of Waste (Category no)	Qty. MT/Yr	Present Stock-MT	Mode of Disposal
Exhaust air or flue gas cleaning residue (I - 35.1)	9	0	Incineration/ co-processing / TSDF facility/ pre-processing
Spent carbon or filter medium (I - 36.2)	10	0	Incineration/ co-processing / TSDF facility/ pre-processing/ authorized recycler

HAZARDOUS WASTE			
Type of Waste (Category no)	Qty. MT/Yr	Present Stock-MT	Mode of Disposal
Empty Barrels/ Containers/ liners contaminated with hazardous wastes/chemicals (I - 33.1)	250	0.52	reuse
Corrosive (spent acid) (II-C2)	350	0	Recycling/ reuse/ authorized recycler

CALIBRATION CERTIFICATE

Forbes Marshall
Krohne Marshall
Forbes Vyncke
Forbes Marshall Arca
Codel International
Forbes Marshall Steam Systems

CUSTOMER INFORMATION

COMPANY M/S IPCA LABORATORIES LIMITED, RATLAM
ADDRESS MANDSAUR-RATLAM, HIGHWAY, SEJAWATA,
RATLAM, Madhya PRADESH-457222.
CALIBRATION NO 2024/CAL/0705/01
CALIBRATION DATE 7 May 24
CALIBRATION DUE 6 Aug 24
(+ 10 days)

INSTRUMENT DETAILS

NAME MULTIPARAMETER
TAG/LOCATION ETP DISCHARGE
SR. NO 202887
MAKE FORBES MARSHALL
Model CX1000-3922
MEASURING RANGE 0 -800 MG/L COD, 0-400 MG/L BOD
0-750 MG/L TSS, 0-14 PH
ACCURACY +/- 5%

CALIBRATION RESULT

TEST INSTRUMENT	STANDARD SOLUTION AS PER SOP	ANALYZER READING	DEVIATION IN PPM	ACCURACY IN %
COD (mg/l)	200.00	199.00	1.00	0.50
TSS (mg/l)	100.00	98.00	2.00	2.00
PH1 (PH)	4.00	4.09	-0.09	-2.25
PH2 (PH)	7.00	7.03	-0.03	-0.43

REMARKS: ANALYZER CALIBRATION IS WITHIN THE SPECIFIED LIMIT I.E. +/- 5 % OF FULL SCALE.

CHECKED BY :

FOR FORBES MARSHALL PVT. LTD.

Mr. Hiren Gohel



Forbes Marshall Private Limited

10, Shreeji Krupa Society, Gotri Rd., B/H Kalpavruksha Complex, Vadodra - 390 023
Tel : +91-265-2343732 / 2343733 / 2343349

Regd. Office: Opp.106th Milestone, CTS No. 2220, Mumbai-Pune Road, Kasarwadi, Pune, 411034, Maharashtra, India.
Tel: +91 20 68138555, Fax: +91 20 68138402

CIN No.: U28996PN1985PTC037806

Energy Conservation | Environment | Process Efficiency

www.forbesmarshall.com

CALIBRATION REPORT

Customer:- IPCA Ratlam

Site:- Near Rain Water Harvesting

	S.No	Model code		04.07.2024
PM 10 ANALYSER	E3282			
Span foil value	1246 ug			
Amplification Factor	Before value	After value		Remarks
	7285	7121		Calibration done
	S.No	Model code		04.07.2024
PM 2.5 ANALYSER	E3257			
Span foil value	1246 ug			
Amplification Factor	Before value	After value		Remarks
	7382	7046		Calibration done
	S.No	Model code		04.07.2024
SO 2 ANALYSER	1234055868	43i - BZSAA		
		Analyser value	Final value	Remarks
SO2 Zero	0 ppb	2.2	0 ppb	Calibration done
SO 2 span (100 ppb)	100 ppb	112 ppb	100 ppb	Calibration done
NOx ANALYSER	S.No	Model code		04.07.2024
	234055866	42i - BZMSDAA		
	Set value	Analyser value	Final value	Remarks
NOx Zero	0.00 ppb	No = -1.4 ppb Nox = 2.1 ppb	No= 0.0 Nox=0.0	Calibration done.
NOx Span (200 ppb)	No = 200 ppb	No = 189 ppb Nox = 194 ppb	No= 200 ppb Nox=200 ppb	Calibration done.

ThermoFisher Scientific

 ThermoFisher

CALIBRATION REPORT

Customer:- IPCA Ratlam

Site:- Police Thana

		S.No	Model code			03.07.2024
PM 10 ANALYSER		E3290				
Span foil value		1356 ug				
Amplification Factor	Before value		After value		Remarks	
	7797		6711		Calibration done	
		S.No	Model code			03.07.2024
PM 2.5 ANALYSER		E3280				
Span foil value		1356 ug				
Amplification Factor	Before value		After value		Remarks	
	7365		6711		Calibration done	
SO 2 ANALYSER		S.No	Model code			03.07.2024
		1234055869	43i - BZSAA			
			Analyser value	Final value	Remarks	
SO2 Zero	0 ppb	1.4 ppb	0 ppb	Calibration done		
SO 2 span (100 ppb)	100 ppb	101	100 ppb	Calibration done		
NOx ANALYSER		S.No	Model code			03.07.2024
		1234055867	42i - BZMSDAA			
		Set value	Analyser value	Final value	Remarks	
NOx Zero	0.00 ppb	No = 1.4 ppb Nox = 3.9 ppb	No= 0.0 Nox=0.0	Calibration done.		
NOx Span (200 ppb)	No = 200 ppb	No= 207 ppb NoX=198 ppb	No=200 ppb Nox=200 ppb	Calibration done.		





Consent Order

M.P. Pollution Control Board
E-5, Arera Colony
Paryawaran Parisar, Bhopal - 16 (M.P.)
Tele : 0755-2466191, Fax-0755-2463742

Outward No: 116013-13/07/2022

RBD-MEDIUM

CTE Exp

VALIDITY : 31/07/2027

Consent No: CTE-56312

CONSENT NO

PCB ID: 18767

To,

**The Occupier,
Ipca Laboratories Ltd.
Village-Sejavta,
District – 457002 (M.P.)**

Sub: Grant of consent to establish for expansion under section 25 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981-reg.

Ref: Your application receipt No. CTE Exp- Inward : 1165029 Date : 26/06/2022-AW

Without prejudice to the powers of this Board under section 25 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board grants consent to establish expansion at Village-Sejavta, Tehsil & District-Ratlam.

SUBJECT TO THE FOLLOWING CONDITIONS:-

- (a) **Location:** Village-Sejavta, Tehsil & District-Ratlam– 457002 (M.P.)
- (b) **The capital Investment:** Rs. 271.12 Crs
- (c) **Product and Production Capacity:**

S.No.	Product	Existing Quantity
1.	DRY SYRUP	1.5 Million Nos. / year
2.	INJECTION	20 Million Nos. /year
3.	OINTMENT	150.00 TPA
4.	ORALS	3300 KL / year
5.	R & D Products	5 TPA
6.	Steroids & Hormonal Products	41.391 TPA
7.	TABLETS	2100 Millions Nos. / year
8.	Total Existing Synthetic Drugs API	3222 TPA
9.	Additional Synthetic Drugs API	1858 TPA
Total Synthetic Drugs API capacity after expansion-		5078 TPA

Note: - For any change in above Product and Production Capacity industry shall obtain fresh consent from the Board.

The consent (for operation) as required shall be granted to your project after fulfillment of all the conditions mentioned above. For this purpose you shall have to make an application to this Board in the prescribed Performa at least two months before the expected date of commissioning of your industry. The applicant shall not operate the unit without obtaining consent for operation from the Board and shall not bring in to use any out let for the discharge of effluent and gaseous emission.

Enclosures:-

* Conditions under Water Act* Conditions under Air Act* General conditions

Copy to

1) Regional Officer, M.P. Pollution Control Board, Ujjain for information.

Collector, District Ratlam for information please.

Sending from UIDAI server
Digitally Sign with Aadhaar

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TPAV # P232SRBBAG

ACHYUT ANAND MISHRA
Member Secretary



Consent Order

CONDITIONS PERTAINING TO WATER (PREVENTION & CONTROL OF POLLUTION) ACT 1974:-

- The quantity of trade effluent of the unit shall not exceed **1209.000 KL/day** and the daily quantity of sewage of the unit shall not exceed **140.000 KL/day**.
- Trade Effluent Treatment:-**
The applicant shall operate and maintain adequate effluent treatment plant to achieve following standards-

pH	Between 5.5 – 9.0
Suspended Solids	Not exceed 100 mg/l.
BOD ₃ Days 27°C	Not exceed 30 mg/l.
COD	Not exceed 250 mg/l.
Oil and grease	Not exceed 10 mg/l.
Chromium (Cr6+)	Not Exceed 0.10 mg/l.
Lead	Not exceed 0.10 mg/l.
Cyanide	Not Exceed 0.10 mg/l.

TDS	Not exceed 2100 mg/l.
Chlorides	Not exceed 1000 mg/l.
Mercury	Not exceed 0.01 mg/l.
Arsenic	Not Exceed 0.20
Phenolics (C6H5OH)	Not exceed 1.0 mg/l.
Sulphides (as S)	Not exceed 2.0 mg/l.
Phosphate (as P)	Not exceed 5.0 mg/l.

For other parameters general standards of discharge as notified under EP Act 1986 shall be applicable.

- Sewage Treatment:-** The applicant shall operate and maintain sewage treatment system to achieve following standards-

pH	Between	5.5 – 9.0
Total Suspended Solids	Not exceed	100 mg/l.
BOD ₃ Days 27°C	Not exceed	30 mg/l.
COD	Not exceed	250 mg/l.
Oil and grease	Not exceed	10 mg/l.
Fecal Coliform (MPN/100ml)	Not exceed	1000

- The effluent shall be treated up to prescribed Standards and reuse in the process, for cooling and for green belt development /gardening within premises. Hence zero discharge condition shall be practiced. In no case treated effluent shall be discharged outside of industry/unit premises.
- Water meter preferably electromagnetic/ultrasonic type with digital flow recording facilities shall be properly maintained for category wise consumption of water for Industrial cooling/boiler feed, process & domestic purposes and data shall be submitted online through XGN monthly. The industry/unit shall also monitor the treated wastewater flow and report the same online through monthly.

Sr	Water Code (Qty in KLPD - Kilo Ltr per Day)	WC : 2570.000	WWG : 1349.000	Water Source
1	Boiler Feed	650.000	275.000	Borewell/ Recycled
2	Cooling Water	815.000	305.000	Recycled
3	Domestic Purpose	165.000	140.000	Borewell
4	Mnfg Process	429.000	408.000	Local Body
5	Others .	511.000	221.000	Borewell/Recycled

- All treatment/control facilities/systems installed or used by the applicant shall be regularly maintained in good working order and operate effectively/efficiently to achieve compliance of the terms and conditions of this consent.



Consent Order

5. Compilation of Monitoring data:-

- i. Samples and measurements taken to meet the monitoring requirements specified above shall be representative of the volume and nature of monitored discharge.
- ii. Following promulgation of guidelines establishing test procedures for the analysis of pollutants, all sampling and analytical methods used to meet the monitoring requirements specified above shall conform to such guidelines unless otherwise specified sampling and analytical methods shall conform to the latest edition of the Indian Standard specifications and where it is not specified the guidelines as per standard methods for the examination of Water and Waste latest edition of the American Public Health Association, New York U.S.A. shall be used.
- iii. The applicant shall take samples and measurement to meet the monthly requirements specified above and report online through XGN the same to the Board.

6. Recording of Monitoring activities and results:-

- i. The applicant shall make and maintain online records of all information resulting from monitoring activities by this Consent.
- ii. The applicant shall record for each measurement of samples taken pursuant to the requirements of this Consent as follows:
 - (i) The date, exact place and time of sampling
 - (ii) The dates on which analysis were performed
 - (iii) Who performed the analysis?
 - (iv) The analytical techniques or methods used
 - (v) The result of all required analysis
- iii. If the applicant monitors any Pollutant more frequently as is by this Consent he shall include the results of such monitoring in the calculation and reporting of values required in the discharge monitoring reports which may be prescribed by the Board. Such increased frequency shall be indicated on the Discharge Monitoring Report Form.
- iv. The applicant shall retain for a minimum of 3 years all records of monitoring activities including all records of Calibration and maintenance of instrumentation and original strip chart regarding continuous monitoring instrumentation. The period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the applicant or when requested by Central or State Board or the court.

7. Reporting of Monitoring Results:-

Monitoring Information required by this Consent shall be summarized and reported by submitting a Discharge Monitoring report on line to the Board.

8. Limitation of discharge of oil Hazardous Substance in harmful quantities:-

The applicant shall not discharge oil or other hazardous substances in quantities defined as harmful in relevant regulations into natural water course. Nothing in this Consent shall be deemed to preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities, or penalties to which the applicant is or may be subject to clauses.

9. Limitation of visible floating solids and foam:-

During the period beginning date of issuance the applicant shall not discharge floating solids or visible foam.

10. Disposal of Collected Solid waste/sludge:-

All hazardous waste/sludge shall be disposed of as per the Authorization issued under Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016 and other solids sludge, dirt, silt or other pollutant separated from or resulting from treatment shall be disposed of in such a manner as to prevent any pollutant from such materials from entering any such water Any live fish, Shell fish or other animal collected or trapped as a result of intake water screening or treatment may be returned to eaters body habitat.

11. Provision for Electric Power Failure:-

The applicant shall assure to the consent issuing authority that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities utilized by the applicant to maintain compliance with the terms and conditions of the Consent.

12. Prohibition of Bypass of technical facilities:-

The diversion or by-pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this Consent is prohibited except:

- i. Where unavoidable to prevent loss of life or severe property damage, or
- ii. Where excessive storm drainage or run off would damage any facilities necessary for compliance with the terms and conditions of this Consent. The applicant shall immediately notify the consent issuing authorities in writing of each such diversion or by-pass in accordance with the procedure specified above for reporting non-compliance.

13. Industry shall submit the information online through XGN in reference to compliance of consent conditions.



Consent Order

Additional Water Conditions:-

1. The daily quantity of trade effluent generation shall not exceed 1209 KL/day, and the daily quantity of sewage generation shall not exceed 140 KL/day.
2. Industry shall ensure that whole quantity of effluent shall be treated with ETP, followed by RO,MVRE, MEE and ATFD/Dryer to ensure Zero liquid discharge from the premises.
3. The Industry shall operate & maintain Outdoor HD Industrial grade IP(Internet Protocol) Cameras with pan-TiltZoom(PTZ) feature, minimum focal length 5X with night vision facility and temper proof mechanism at suitable location to display all emission sources and effluent discharge point and connect the same with Environment Surveillance Centre, MP Pollution control board Bhopal.
4. Industry shall install online continuous effluent monitoring system at the outlet of the ETP for measurement of parameters like pH, COD, BOD, TSS, industry specific parameters notified under Environment (Protection) Act/Rules

CONDITIONS PERTAINING TO AIR (PREVENTION & CONTROL OF POLLUTION) ACT 1981:-

1. The applicant shall operate & maintain air pollution control facility continuously so as to achieve the level of pollutants.

Name of section	Capacity	Stack height(m)	Fuel	Consp-Unit	Control equipment to be installed	P.M, SOX, NOX (mg/Nm ³)
Boiler	6 TPH	30 com stk for BOI 1&2	Furnace Oil	450 Ltr/HR.	AIR,GRB	
Boiler 30 6tph AIR,	6 TPH	30 comm stk for BOI 1&2	Petroleum Coke/ Coal	1.10 Mt/Hr	FIL,DUS, GRB,MUF, Bag Filter	P.M.-150
Boiler AIR, Coal	6 TPH	30 6tph multi F	Coal	1.10 Mt/Hr	FIL,DUS, GRB, Bag Filter	P.M.-150
Thermic Fluid Heater.	4 LKCal/Hr	23 Com Stk-2 N	ldo	125 Ltrs/Hr	GRB,	
Thermic Fluid Heater	1 Lac KCal/H	23 Com Stk	ldo	125 LTH	GRB	
Thermic Fluid Heater	2 Lac KCal/Hr X 2 NOs	23.Com Stk -	ldo	125 LTH	GRB	
Incinerator	2 TPD	30	H.S.D	20.8 Ltrs/ Hr	Scrubber	
D.G. Sets	1000 KVA	30	H.S.D	235Ltrs/hr	ACC,NDR	
D.G. Sets	1000 KVA	30	H.S.D	235Ltrs/hr	ACC,NDR	
D.G. Sets	1000 KVA	30	H.S.D	235Ltrs/hr	ACC,NDR	
D.G. Sets	395 KVA	3	H.S.D	110 Ltrs/hr	ACC,NDR	
D.G. Sets	260 KVA	3	H.S.D	75 Ltrs/hr	ACC,NDR	
D.G. Sets	1500 KVA	30	H.S.D	355 Ltrs/Hr	ACC,NDR	
D.G. Sets	1000 KVA	30	H.S.D	235Ltrs/hr	ACC,NDR	
D.G. Sets	1000 KVA	30	H.S.D	235Ltrs/hr	ACC,NDR	
Boiler	30 TPH	50	Coal	6 T/Hr.	ESP and Bag Filter, GB	P.M.-150
Boiler	20 TPH	50	Coal	4 T/Hr.	ESP and Bag Filter, GB	
Boiler	8tph	30	Coal	1.2 T/HR	AIR,FIL,DUS, GRB, Bag Filter	
Boiler	8tph	30	Petroleum Cock	1.2 T/HR	AIR,FIL,DUS, GRB, Bag Filter	

Note- Project proponent shall inform to the Board for any addition or removal of source of air/water pollution and control equipment.

Consent No:CTE-56312

e-Signed (Physical Signature NOT requires)



Consent Order

2. Ambient air quality at the boundary of the industry/unit premises shall be monitored and reported to the Board regularly on quarterly basis: The Ambient air quality norms are prescribed in MoEF gazette notification no. **GSR/826(E), dated: 16/11/09.** **Some of the parameters are as follows:**
 - a. Particulate Matter (less than 10 micron) - 100 µg/m³ microgram/cubic meter (PM₁₀ µg/m³ 24 hrs. basis)
 - b. Particulate Matter (less than 2.5 micron) - 60 µg/m³ (PM_{2.5} µg/m³ 24 hrs. basis)
 - c. Sulphur Dioxide [SO₂] (24 hrs. Basis) - 80 µg/m³
 - d. Nitrogen Oxides [NO_x] (24 hrs. Basis) - 80 µg/m³
 - e. Carbon Monoxide [CO] (8 hrs. Basis) - 2000 µg/m³
3. The Project proponent shall take adequate measures for control of noise level generated from industrial activities within the premises less than 75 dB (A) during day time and 70 dB(A) during night time.
4. Project proponent shall maintain each stack port hole with safe platform of 1 meter width with support & spiral ladder/ Stepped ladder with hand rail up to monitoring platform as per specifications given in part-III emission regulation of CPCB. In no case monkey ladder shall be allowed as stack monitoring facility.
5. The Project proponent shall make and maintain the necessary arrangements for control of the fugitive emission from any source of emission/section/activities.
6. All other fugitive emission sources such as leakages, seepages, spillages etc shall be ensured to be plugged or sealed or made airtight to avoid the public nuisance.
7. The Project proponent shall ensure all necessary arrangements for control of odour nuisance from the industrial activities or process within premises.
8. All the internal roads shall be maintain in good condition to control the fugitive emissions of particulate matter generated due to transportation and internal movements. Good housekeeping practices shall be adopted to avoid leakages, seepages, spillages etc.
9. Project proponent shall take effective steps for extensive tree plantation within or around the industry/unit premises for general improvement of environmental conditions and as stated in additional condition.

GENERAL CONDITIONS:-

1. The non-hazardous solid waste arresting in the industry/unit/unit premises sweeping, etc. be disposed off scientifically so as not to cause any nuisance/pollution. The applicant shall take necessary permission from civic authorities for disposal to dumping site. If required.

Non Hazardous Solid Waste:-

Type of waste	Quantity(M.T./Month)	Disposal
MS Barrels	50.000	As per CPCB/MoEFCC guidelines
Plastic Liners	25.000	
PVC Waste	35.000	
Steel Scrap	1000.000	
Aluminium Foil	8.000	
Glass Waste	90.000	
Rubber Pipe/PVC Pipes	12.000	
Garbage	155.000	
Plastic Drums	50.000	
Fiber Drums	50.000	
Wooden Scrap	25.000	
Corrugated Box	120.000	
Electrical Wires	2.000	
Electrical wires	2.000	
Aluminium Scrap	2.000	
Copper Scrap	0.500	
Waste Paper	95.000	
Filter cloth	35.000	
Polythene Mix Class	35.000	
Boiler Coal Ash	3500.000	
Canteen Waste	75.000	

Consent No:CTE-56312



Consent Order

M.P. Pollution Control Board
E-5, Arera Colony
Paryawaran Parisar, Bhopal - 16 (M.P.)
Tele : 0755-2466191, Fax-0755-2463742

Biological Sludge from ETP as manuar	600.000	
Blister Cutting / PVC Cutting	40.000	
HDPE Bags	55.000	

2. The applicant shall allow the staff of Madhya Pradesh Pollution Control Board and/or their authorized representative, upon the representation of credentials:
 - a. To inspect raw material stock, manufacturing processes, reactors, premises etc to perform the functions of the Board.
 - b. To enter upon the applicant's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this Consent.
 - c. To have access at reasonable times to any records required to be kept under the terms and conditions of this Consent.
 - d. To inspect at reasonable times any monitoring equipment or monitoring method required in this Consent: or,
 - e. To sample at reasonable times any discharge or pollutants.
3. This consent/authorization is transferable, in case of change of ownership/management and addresses of new Owner/partner/Directors/proprietor should immediately apply for the same.
4. The issuance of this Consent does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorize any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.
5. Industry shall maintain separate electric metering arrangement for running of pollution control devices and this arrangement shall be made in such fashion that any non-functioning of pollution control devices shall immediately stop electric supply to the production and shall remain tripped till such time unless the pollution control device/devices are made functional. The record of electricity consumption for running of pollution control equipment shall be maintained and submitted to the Board every month.
6. This consent is granted in respect of Water pollution control Act 1974 or Air Pollution Control act, 1981 or Authorization under the provisions of Hazardous and Other Waste (Management and Transboundary movement) Rules, 2016, only and does not relate to any other Department/Agencies. License required from other Department/Agencies have to be obtained by the unit separately and have to comply separately as per there Act / Rules.
7. Balance consent/authorization fee, if any shall be recoverable by the Board even at a later date.
8. The applicant shall submit such information, forms and fees as required by the board not letter than 180 day prior to the date of expiration of this consent/authorization.
9. Knowingly making any false statement for obtaining consent or compliance of consent conditions shall result in the imposition of criminal penalties as provided under the section 42(g) of the Water Act or section 38 (g) of the Air Act.
10. After notice and opportunity for the hearing, this consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to the following:-
 - (a) Violation of any terms and conditions of this Consent.
 - (b) Obtaining this Consent by misrepresentation of failure to disclose fully all relevant facts.
 - (c) A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.
11. On violation of any mentioned conditions the consent granted will automatically be taken as canceled and necessary action will be initiated against the industry.

Additional Conditions:-

1. The industry shall ensure the transportation of the hazardous waste through the MPPCB authorized trucks/tankers provided with the GPS system, Blue coloured with white strip painted as hazardous waste, driver with tenth passed etc as per CPCB guidelines issued in year 2005-06.
2. The industry shall comply with the updated norms/directions/acts/rules/guidelines issued by the Hon'ble Courts/Tribunals/MoEFCC /MPPCB time to time.
3. The industry shall ensure the arrangements for disposal of above Non Hazardous solid waste generated from the unit to the authorized venders only.
4. The industry shall maintain the record of generation and disposal of the non hazardous wastes and same shall be produced before the officers of Pollution Control Board during inspection or visit.
5. The industry shall submit contract document with unit for accepting hazardous waste for Co-processing and Pre-processing before sending hazardous waste.
6. **The industry shall submit valid consent and hazardous waste authorization of unit which will Pre-Process / Co-process hazardous waste before sending hazardous waste.**
7. **The industry shall submit details of vehicle to be used in transportation of hazardous waste before sending hazardous waste for Co-Processing and Pre-Processing.**
8. **The industry shall intimate in advance to MPPCB and other PCB/PCC, if hazardous waste has to be transported through other state or has to be transported other state for Pre-processing/ Co-Processing.**

Consent No:CTE-56312

e-Signed (Physical Signature NOT requires)



Consent Order

M.P. Pollution Control Board
E-5, Arera Colony
Paryawaran Parisar, Bhopal - 16 (M.P.)
Tele : 0755-2466191, Fax-0755-2463742

9. Industry shall comply with the direction issued by CPCB vide letter no. 33014/07/2019/IPC-II/5759 dated 23.08.2019 regarding fuel policy for use of pet coke and furnace oil with prescribed standard for emission of Sulphur-di- oxide.
10. This consent is granted in respect of Water pollution control Act, 1974 & Air Pollution Control act, 1981 or Authorization under the provisions of The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 only and does not relate to any other Department/Agencies. License/NOC required from other Department/Agencies have to be obtained by the unit separately and have to comply separately as per their Act / Rules.



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TPAV # P232SRBBAG

ACHYUT ANAND MISHRA
Member Secretary



Consent Order

M.P. Pollution Control Board
E-5, Arera Colony
Paryavaran Parisar, Bhopal - 16 MP
Tele : 0755-2466191, Fax-0755-2463742

RED-LARGE
Outward No:-120281,08/05/2024
CCA-Expansion
CONSENT NO: ***
PCB ID: 18767
Consent No:AW-60165

To,
The Occupier,
M/s. Ipca Laboratories Ltd.,
Village Sejavta, Tehsil & Distt. Ratlam(M.P).

Subject: Grant of Consent to Operate-Expansion under section 25 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981.

Ref: Your Application Receipt No. 1369385 Dt. 09/04/2024.

With reference to above, your application for consent to operate-expansion has been considered under the aforesaid Acts and existing rules therein. The M. P. Pollution Control Board has agreed to grant consent up to **31/03/2025**, subject to the fulfillment of the terms & conditions, enclosed with this letter.

SUBJECT TO THE FOLLOWING CONDITIONS :-

- a. **Location:** Village Sejavta, Tehsil & Distt. Ratlam(M.P).
b. **Capital investment in Lakhs:** Rs. 112268.00
c. **Product & Production Capacity:**

Product	Production Capacity/Year
Dry Syrup	1.5 Million nos.
Injection	20 Million nos.
Ointment	150 MT
Orals	3300 KL
R&D Products	5 MT
Steroids & Hormonal Products	41.391 MT
Tablets	2100 Million nos.
Synthetic Drugs API*	5078 MT

*List of Products & Production Capacity is listed on page 6 - 9 of this consent letter.

Note:- For any change in above industry shall obtain fresh consent from the Board.

The validity of the consent shall be up to **31/03/2025** and has to be renewed before expiry of consent validity. Online application through XGN with annual license fees in this regard shall be submitted to this office 6 months before expiry of the consent. Board reserves the right to amend/cancel / revoke the above condition in part or whole as and when required.

Enclosures:-

- * Conditions under Water Act, 1974
- * Conditions under Air Act, 1981
- * General conditions

By the order of Chairman, MPPCB

ACHYUT ANAND MISHRA
Member Secretary

Validity unknown

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Mishra, Member Secretary
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TPAV # UI7C453UUU

CONDITIONS PERTAINING TO WATER (PREVENTION & CONTROL OF POLLUTION) ACT 1974 :-

1. The daily quantity of trade effluent of the unit shall **not exceed 1209.000 KL/day**, and the daily quantity of sewage of the unit shall **not exceed 140.000 KL/day**. All the trade effluent will be treated in ETP, RO, MEE and ATFD to achieve ZLD. RO Reject shall be treated in MVRE.
2. The industry shall continue to re-utilize the MEE and MVRE condensate completely in process/ utility.
3. Treatment of other effluents such as plant washing, leakages, boiler blow down, softener regeneration, DM plant, regeneration, plate heat exchangers cleaning etc shall be done in the ETP and used for process/utilities.
4. The industry shall make all possible protection arrangements for control of pollution in nearby nallah/water resources from the industry.
5. In case of any discharge found outside of unit premises the unit may be liable to pay environmental compensation and the industry shall be punishable or court case may be filed by the Board as per provisions of the Water (Prevention & Control of Pollution) Act, 1974.
6. Industry shall operate and maintain Online Flow Meter and maintain its unhindered connectivity with ESC, MPPCB Bhopal and CPCB for remote surveillance.
7. **Sewage Treatment** :- The applicant shall operate and maintain **Sewage Treatment System** to achieve following standards-

pH	Between	5.5 – 9.0
Suspended Solids	Not exceed	100 mg/l.
BOD ₃ Days 27°C	Not exceed	30 mg/l.
COD	Not exceed	250 mg/l.
Oil and grease	Not exceed	10 mg/l.
Fecal Coliform	Not exceed	1000 MPN/100 ml

Sr	Water Code (Quantity in Kilo Liter per Day)	WC : 2570.000	WWG : 1349.000	Water Source
1	Boiler Feed	650.000	275.000	Bore-Well/Recycled
2	Cooling Water	815.000	305.000	Recycled
3	Domestic Purpose	165.000	140.000	Bore-Well
4	Mnfg Process	429.000	408.000	Local Body
5	Others	511.000	221.000	Bore-Well/Recycled

8. Water meter preferably electromagnetic/ultrasonic type with digital flow recording facilities shall be installed separately for category wise consumption of water for Industrial cooling/boiler feed, process & domestic purposes and data shall be updated online through XGN on monthly statements.
9. Any change in production capacity, process, raw material used etc. and for any enhancement of the above prior permission of the Board shall be obtained. All authorized discharges shall be consistent with terms and conditions of this consent. Facility expansions, production increases or process modifications which result new or increased discharges of pollutants must be reported by submission of a fresh consent application for prior permission of the Board
10. All treatment/control facilities/systems installed or used by the applicant shall be regularly maintained in good working order and operate effectively/efficiently to achieve compliance of the terms and conditions of this consent

11. Compilation of Monitoring data-

- i. Samples and measurements taken to meet the monitoring requirements specified above shall be representative of the volume and nature of monitored discharge.
- ii. Following promulgation of guidelines establishing test procedures for the analysis of pollutants, all sampling and analytical methods used to meet the monitoring requirements specified above shall conform to such guidelines unless otherwise specified sampling and analytical methods shall conform to the latest edition of the Indian Standard specifications and where it is not specified the guidelines as per standard methods for the examination of Water and Waste latest edition of the American Public Health Association, New York U.S.A. shall be used.

12. Recording of Monitoring Activities & Results-

- i. The applicant shall make and maintain online records of all information resulting from monitoring activities by this Consent.
- ii. The applicant shall record for each measurement of samples taken pursuant to the requirements of this Consent as follows:
 - (i) The date, exact place and time of sampling
 - (ii) The dates on which analysis were performed
 - (iii) Who performed the analysis?
 - (iv) The analytical techniques or methods used and

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(v)The result of all required analysis

iii. If the applicant monitors any Pollutant more frequently as is by this Consent he shall include the results of such monitoring in the calculation and reporting of values required in the discharge monitoring reports which may be prescribed by the Board. Such increased frequency shall be indicated on the Discharge Monitoring Report Form.

iv. The applicant shall retain for a minimum of 3 years all records of monitoring activities including all records of Calibration and maintenance of instrumentation and original strip chart regarding continuous monitoring instrumentation. The period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the applicant or when requested by Central or State Board or the court.

13. Reporting of Monitoring Results:-

Monitoring Information required by this Consent shall be summarized and reported by submitting a Discharge Monitoring report on line to the Board.

14. Limitation of discharge of oil Hazardous Substance in harmful quantities:-

The applicant shall not discharge oil or other hazardous substances in quantities defined as harmful in relevant regulations into natural water course. Nothing in this Consent shall be deemed to preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities, or penalties to which the applicant is or may be subject to clauses.

15. Limitation of visible floating solids and foam:

During the period beginning date of issuance the applicant shall not discharge floating solids or visible foam.

16. Disposal of Collected Solid waste/Sludge-

All hazardous waste/sludge shall be disposed of as per the Authorization issued under Hazardous & other waste (M&TM) Rules 2016. And/other Solids Sludges, dirt, silt or other pollutant separated from or resulting from treatment shall be disposed of in such a manner as to prevent any pollutant from such materials from entering any such water Any live fish, Shall fish or other animal collected or trapped as a result of intake water screening or treatment may be returned to eaters body habitat.

17. Provision for Electric Power Failure-

The applicant shall assure to the consent issuing authority that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities utilized by the applicant to maintain compliance with the terms and conditions of the Consent.

18. Prohibition of Bypass system of treatment facilities-

The diversion or by-pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this Consent is prohibited except:

- i. where unavoidable to prevent loss of life or severe property damage, or
- ii. Where excessive storm drainage or run off would damage any facilities necessary for compliance with the terms and conditions of this Consent. The applicant shall immediately notify the consent issuing authorities in writing of each such diversion or by-pass in accordance with the procedure specified above for reporting non-compliance.

19. Industry management shall submit the information online through XGN in reference to compliance of consent conditions.

20. The industry shall keep PLI policy obtained under provisions of PLI Act, 1991 valid at all times.

CONDITIONS PERTAINING TO AIR (PREVENTION & CONTROL OF POLLUTION) ACT 1981 :-

1. The applicant shall operate and maintain **Air Pollution Control System** to achieve the level of pollutants to the following standards:-

Name of section	Capacity	Stack height (mtrs)	Fuel	Control equipment installed	P.M, SO _x , NO _x (mg/Nm ³)
Boiler	6 TPH	30 Common Stack	Furnace Oil - 450 liter/hr	Air Pre-heater, Bag Filter, Dust Collector, Green Belt	P.M. 150 mg/Nm ³ SO _x 600 mg/Nm ³ NO _x 300 mg/Nm ³
Boiler	6 TPH		Pet Coke - 1.1 TPH	Air Pre-heater, Bag Filter, Dust Collector, Green Belt, Muffler	
Boiler	6 TPH	30	Coal - 1.1 TPH	Air Pre-heater, Bag Filter, Dust Collector, Green Belt	
Boiler	8 TPH	30	Coal - 1.2 TPH	Bag Filter, Green Belt	
Boiler	8 TPH	30	Coal - 1.2 TPH	Air Pre-heater, Bag Filter, Dust Collector, Green Belt	
Boiler	8 TPH	30	Coal - 1.2 TPH	Air Pre-heater, Bag Filter, Dust Collector, Green Belt	
Incinerator	2 TPD	30	HSD - 20.8 liter/hr	Alkali Scrubber, Water Sprinkler	
Thermic Fluid Heater	1 Lac KCal/hr.	23	LDO - 125 liter/hr	Green Belt	
Thermic Fluid Heater	2 X 2 Lac KCal/hr.	23	LDO - 125 liter/hr	Green Belt	
Thermic Fluid Heater	2 X 4 Lac KCal/hr.	23	LDO - 125 liter/hr	Green Belt	
D.G. Sets	260 KVA	3	HSD - 75 liter/hr	Acoustic enclosure, Natural Draft	As per MoEF&CC/CPCB notifications
D.G. Sets	395 KVA	3	HSD - 110 liter/hr	Acoustic enclosure, Natural Draft	
D.G. Sets	1000 KVA	30	HSD - 235 liter/hr	Acoustic enclosure, Natural Draft	
D.G. Sets	1000 KVA	30	HSD - 235 liter/hr	Acoustic enclosure, Natural Draft	
D.G. Sets	1000 KVA	30	HSD - 235 liter/hr	Acoustic enclosure, Natural Draft	
D.G. Sets	1010 KVA	30	HSD - 235 liter/hr	Acoustic enclosure, Natural Draft	
D.G. Sets	1010 KVA	30	HSD - 235 liter/hr	Acoustic enclosure, Natural Draft	
D.G. Sets	1500 KVA	30	HSD - 355 liter/hr	Acoustic enclosure, Natural Draft	
Acid Mists	Acid Scrubbing	10	---	Scrubber	
Ammoniation	Ammonia Scrubbing	10	---	Scrubber	

2. The Ambient air quality norms are prescribed in MoEF gazette notification no. GSR/826(E), dated: 16/11/2009. Some of the parameters are as follows:

- Particulate Matter (less than 10 micron) - 100 µg/m³ (PM10 µg/m³ 24 hrs. basis)
- Particulate Matter (less than 2.5 micron) - 60 µg/m³ (PM2.5 µg/m³ 24 hrs. basis)
- Sulphur Dioxide [SO₂] (24 hrs. Basis) - 80 µg/m³
- Nitrogen Oxides [NO_x] (24 hrs. Basis) - 80 µg/m³
- Carbon Monoxide [CO] (8 hrs. Basis) - 2000 µg/m³

3. The industry shall take adequate measures for control of noise level generated from industrial activities within the premises less than 75 dB(A) during day time and 70 dB(A) during night time.

4. Industry/Unit shall provide with each stack port hole with safe platform of 1 meter width with support & spiral ladder/ Stepped ladder with hand rail up to monitoring platform as per specifications given in part-III emission regulation of CPCB. In no case monkey ladder shall be allowed as stack monitoring facility.

5. The industry/unit shall make the necessary arrangements for control of the fugitive emission from any source of emission/section/activities.

6. All other fugitive emission sources such as leakages, seepages, spillages etc shall be ensured to be plugged or sealed or made airtight to avoid the public nuisance.

7. The industry/ unit shall ensure all necessary arrangements for control of odour nuisance from the industrial activities or process within premises

8. All the internal roads shall be made pucca to control the fugitive emissions of particulate matter generated due to transportation and internal movements. Good housekeeping practices shall be adopted to avoid leakages, seepages, spillages etc.

9. Industry shall take effective steps for extensive tree plantation preferably of the local tree species within or around the industry/unit premises for general improvement of environmental conditions.

10. Industry shall write name of the industry on stack with heat resistant paint.

11. The industry shall provide adequate APCs in all possible points of solvents emission in the plant and recovery of solvents shall not be less than 98% for low boiling solvents and 95% for other solvents.

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12. The industry shall provide Pneumatic ash handling system with Silo for Boiler ash.

13. In case of emission exceeding prescribed limits, the unit may be liable to pay environmental compensation as per NGT orders O.A. no 593/2017 dated 22.02.2021 and the industry shall be punishable or court case may be filed by the Board under provisions of the Air (Prevention & Control of Pollution) Act, 1981.

14. The industry shall obtain PLI policy under provisions of PLI Act, 1991; if applicable.

GENERAL CONDITIONS:

1. The non hazardous solid waste arresting in the industry/unit/unit premises sweeping, etc. be disposed off scientifically so as not to cause any nuisance/pollution. The applicant shall take necessary permission from civic authorities for disposal to dumping site. If required.

Non Hazardous Solid wastes:-

Type of waste	Quantity	Disposal
MS Barrels	100 MT	Re-use/Sale to M. P. Pollution Control Board authorized party
Plastic Liners	50 MT	
PVC Waste	50 MT	
Steel Scrap	1000 MT	
Aluminium Foil	15 MT	
Glass Waste	120 MT	
Rubber Pipe/PVC Pipes	18 MT	
Garbage	200 MT	
Plastic Drums	80 MT	
Fiber Drums	80 MT	
Wooden Scrap	70 MT	
Corrugated Box	150 MT	
Electrical Wires	2 MT	
Electrical wires	2 MT	
Aluminium Scrap	10 MT	
Copper Scrap	5 MT	
Waste Paper	130 MT	
Filter cloth	50 MT	
Polythene Mix Class	75 MT	
Boiler Coal Ash	4000 MT	
Canteen Waste	75 MT	
Biological Sludge from ETP as manure	800 MT	
Blister Cutting / PVC Cutting	70 MT	
HDPE Bags	85 MT	

2. The applicant shall allow the staff of Madhya Pradesh Pollution Control Board and/or their authorized representative, upon the representation of credentials:

- To inspect raw material stock, manufacturing processes, reactors, premises etc to perform the functions of the Board.
- To enter upon the applicant's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this Consent.
- To have access at reasonable times to any records required to be kept under the terms and conditions of this Consent.
- To inspect at reasonable times any monitoring equipment or monitoring method required in this Consent: or,
- To sample at reasonable times any discharge or pollutants.

3. This consent is transferable in nature, in case of any change in ownership / management, the new owner / partner / directors / proprietor shall immediately apply for the consent with new requisite information.

4. The issuance of this Consent does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorise any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.

5. Industry shall install separate electric metering arrangement for running of pollution control devices and this arrangement shall be made in such fashion that any non functioning of pollution control devices shall immediately stop electric supply to the production and shall remain tripped till such time unless the pollution control device/devices are made functional.

6. This consent is granted in respect of Water pollution control Act 1974 or Air Pollution Control act, 1981 only and does not relate to any other Department/Agencies. License required from other Department/Agencies have to be obtained by the

unit separately and have to comply separately as per there Act / Rules.

7. Balance consent fee, if any shall be recoverable by the Board even at a later date.

8. The applicant shall submit such information, forms and fees as required by the board not later than 180 day prior to the date of expiration of this consent.

9. The industry/unit shall establish a separate environmental cell, headed by senior officer of the unit for reporting the environmental compliances. The industry/ Unit shall submit environmental statement for the previous year ending 31st March on or before 30th September every year to the Board.

10. Knowingly making any false statement for obtaining consent or compliance of consent conditions shall result in the imposition of criminal penalties as provided under the section 42(g) of the Water Act or section 38 (g) of the Air Act.

11. After notice and opportunity for the hearing, this consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to, the following:

(a) Violation of any terms and conditions of this Consent.

(b) Obtaining this Consent by misrepresentation of failure to disclose fully all relevant facts.

(c) A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.

12. On violation of any of the above-mentioned conditions the consent granted will automatically be taken as cancelled and necessary action will be initiated against the industry.

13. The industry/unit shall also monitor the treated wastewater flow and update the same online through XGN on monthly reports.

14. The applicant shall take samples and measurement to meet the monthly requirements specified above and report online through XGN the same to the Board.

15. Ambient air quality at the boundary of the industry/unit premises shall be monitored and report the same online through XGN on regular basis.

16. The record of electricity consumption for running of pollution control equipment shall be maintained and update the same online through XGN on monthly reports.

17. The industry shall maintain the record of generation and disposal of the non-hazardous wastes and same shall be produced before the officers of Pollution Control Board during inspection or visit.

18. Project Proponent shall operate and maintain PTZ camera and maintain its unhindered connectivity with ESC, MPPCB Bhopal for remote surveillance.

S. No.	Product	Production Capacity/Year
1.	2-Oxo Clopidogrel Bisulphate	5078 MT/Year
2.	Aceclofenac	
3.	Alendronate Sodium	
4.	Alendronic Acid	
5.	Allopurinol	
6.	Alpha - Beta Arteether	
7.	Amlodipine Besylate	
8.	Amodiaquine Hydrochloride/Base	
9.	Aripiprazole	
10.	Artemether	
11.	Artemisinin	
12.	Artemotil / Arteether	
13.	Artesunate	
14.	Artesunate (Sterile)	
15.	Atenolol	
16.	Atovaquone	
17.	Atovaquone Proguanil	
18.	Azilsartan	
19.	Bendroflumethiazide	
20.	Benzbromarone	
21.	Benzocaine	
22.	Bisoprolol Fumerate	
23.	Bupropion Hcl	
24.	Candesartan	
25.	Carvedilol	
26.	Celecoxib	

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27.	Cetirizine Di Hydrochloride
28.	Chloroquine Phosphate/Suphate
29.	Chlorthalidone / Chlortalidone
30.	Cilostazol
31.	Citalopram Hydrobromide
32.	Clindamycin HCl
33.	Clopidogrel Bisulfate
34.	Clozapine
35.	Colesevelam Hcl
36.	Dapagliflozin
37.	Desvenlafaxine Succinate
38.	Diphenoxylate Hcl
39.	Dexlansoprazole
40.	Dihydroartemisinin
41.	Disodium Pamoate
42.	Donepezil Hcl
43.	Duloxetine Hcl
44.	Entacapone
45.	Escitalopram Oxalate
46.	Esomeprazole Magnesium
47.	Eszopiclone
48.	Etodolac
49.	Etodolac Sodium
50.	Felodipine
51.	Fluxetine HCL
52.	Famotidine
53.	Febuxostat
54.	Fenofibrate
55.	Fluconazole
56.	Flumequine
57.	Fomepizole
58.	Frusemide / Furosemide
59.	Gabapentin
60.	Gliclazide
61.	Glimepiride
62.	Glipizide
63.	Hydralazine Hydrochloride
64.	Hydrochlorothiazide
65.	Hydroxy Chloroquine Sulphate
66.	Hydroxyzine Di Hydrochloride
67.	Hydroxyzine Pamoate
68.	Imeglimin HCl
69.	Imipramine HCl & Pamoate
70.	Indapamide
71.	Irbesartan
72.	Iguratimod
73.	Lamotrigine
74.	Levetiracetam
75.	Levocetirizine Hydrochloride
76.	Levofloxacin Hemi Hydrate
77.	Loperamide Hcl
78.	Losartan Potassium
79.	Lumefantrine
80.	Meloxicam
81.	Mesalamine
82.	Metaxalone
83.	Metformin Hydrochloride
84.	Methylphenidate Hydrochloride
85.	Metoclopramide Base
86.	Metoclopramide Hydrochloride
87.	Metoprolol Succinate
88.	Metoprolol Tartrate
89.	Midodrine Hydrochloride
90.	Mirtazapine
91.	Morantel Citrate/Tartrate

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92.	Nabumetone
93.	Nebivolol
94.	Nifedipine
95.	Olanzapine
96.	Olmesartan Medoxomil
97.	Omeprazole
98.	Ondansetron
99.	Ondansetron Hydrochloride Dihydrate
100.	Oxantel Pamoate
101.	Oxybutynin Chloride
102.	Pantoprazole Sodium Sesqui Hydrate
103.	Paroxetine Hcl Anhydrous
104.	Paroxetine Hcl Hemihydrate
105.	Phenylephrine
106.	Phthalaginone
107.	Piroxicam
108.	Piperazine ML /Salt (by-Product)
109.	Piperaquine Phosphate
110.	Prasugrel Hcl
111.	Primaquine Phosphate
112.	Probenecid
113.	Propafenone Hydrochloride
114.	Proguanil Hydrochloride /Base
115.	Promethazine Hydrochloride
116.	Propranolol Hydrochloride
117.	Pyrantel Pamoate
118.	Pyrantel Tartrate
119.	Pyrimethamine
120.	Pregabalin
121.	Oxcarbazepine
122.	Quetiapine Hemifumarate
123.	Ractopamine Hydrochloride
124.	Resindronate Sodium
125.	Risperidone
126.	Ritalinic Acid
127.	Sacubitril Valsartan
128.	Sacubitrile
129.	Saxagliptin
130.	Silodosin
131.	Simvastatin
132.	Sodium Barbital
133.	Sodium Valproate
134.	Sulfadoxine
135.	Sulphamethoxypyridazine
136.	Sumatriptan Succinate
137.	Synthon C
138.	Telmisartan
139.	Terbinafine
140.	Terbutaline Sulphate
141.	Torsemide
142.	Trazadone HCL
143.	Tramadol Hydrochloride
144.	Triamterene
145.	Trimethoprim
146.	Valsartan
147.	Venlafaxine Hydrochloride
148.	Vildagliptin
149.	Warfarin Sodium
150.	Warfarin Sodium Clathrate
151.	Warfarine Potassium
152.	Ziprasidone
153.	Zopiclone
154.	PPAM (R)- Intermediate of Ritalinic Acid
155.	HEP (Intermediate of Amlodipine)
156.	Methyl Amino crotonate (Intermediate of Amlodipine)

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157.	Doxylamine Succinate	
158.	Baclofen	
159.	Methanamine Hippurate	
160.	Sitagliptin	
161.	Apixaban	
162.	Rivaroxaban	
163.	Linagliptin	
	TOTAL	5078 MT/Year

Advisory Conditions:-

1. The industry shall obtain NOC from Central Ground Water Board and keep it valid at all times.
2. The industry shall install Digital Water meter with digital flow recording facilities for measurement of ground water consumption and provide its connectivity with server of Environment Surveillance Centre, M P Pollution Control Board Bhopal for remote surveillance.
3. The industry shall provide Rain water harvesting for ground water conservation and recycle treated waste water for plantation and flushing.
4. Potable drinking water shall be used for drinking purposes only.
5. Appropriate legal action shall be initiated in case of violation of above mentioned conditions.

Consent as required under the Water (Prevention & Control of Pollution) Act, 1974 and The Air (Prevention & Control of Pollution) Act, 1981 is granted to your industry subject to fulfillment of all the conditions mentioned above. For renewal purpose you shall have to make an application to this Board through XGN at least Six months before the date of expiry of this consent. The applicant without valid consent (for operation) of the Board shall not bring in to use any outlet for the discharge of effluent and gaseous emission.

**For and on behalf of
M.P. Pollution Control Board**

By the order of Chairman, MPPCB



**ACHYUT ANAND MISHRA
Member Secretary**



**(Organic Authentication on AADHAR from UIDAI Server)
TPAV # UI7C453UUU**

Consent No:AW-60165



Consent Order

M.P. Pollution Control Board
E-5, Arera Colony
Paryavaran Parisar, Bhopal - 16 MP
Tele : 0755-2466191, Fax-0755-2463742

RED-LARGE

CCA-EXPANSION

CONSENT NO: ***

PCB ID: 18767

Outward No:117464,21/02/2023

Consent No:AWH-57643

To,
The Occupier,
M/s. Ipca Laboratories Ltd.,
Village Sejavta,
Distt. Ratlam - 457002(M.P).

Subject: Grant of Consent to Operate-Expansion under section 25 of the Water (Prevention & Control of Pollution) Act, 1974; under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Hazardous and other Wastes (Management & Transboundary Movement) Rules, 2016.

Ref: Your Application Receipt no. 1259487 Dt. 23/01/2023.

With reference to above, your application for consent to operate and hazardous waste authorisation has been considered under the aforesaid Acts and existing rules therein. The M. P. Pollution Control Board has agreed to grant consent up to **31/01/2024** & authorisation up to **31/01/2028**, subject to the fulfillment of the terms & conditions, enclosed with this letter.

SUBJECT TO THE FOLLOWING CONDITIONS :-

- a. Location: Village Sejavta, Distt. Ratlam - 457002(M.P).
b. Capital investment in Lakhs: Rs. 99330.00
c. Product & Production Capacity:

Product	Production Capacity/Year
Dry Syrup	1.5 Million nos.
Injection	20 Million nos.
Liquid Orals	3300 KL
Ointment	150 MT
R&D Products	5 MT
Tablets	2100 Million nos.
Synthetic Drugs API*	4200 MT

*List of products is listed on page 11 - 14 of this consent letter.

Note:- For any change in above industry shall obtain fresh consent from the Board.

The validity of the consent shall be up to **31/01/2024** & authorisation up to **31/01/2028** and has to be renewed before expiry of consent validity. Online application through XGN with annual license fees in this regard shall be submitted to this office 6 months before expiry of the consent. Board reserves the right to amend/cancel / revoke the above condition in part or whole as and when required.

Enclosures:-

- * Conditions under Water Act, 1974
- * Conditions under Air Act, 1981
- * Conditions under Hazardous and other Wastes (Management & Transboundary Movement) Rules, 2016
- * General conditions

By the order of Chairman, MPPCB



Signature Not Verified
Digitally Signed by : Chandra
Mohhan Thakur,IAS
Date: 21/02/2023 06:43:47 PM

CHANDRA MOHAN THAKUR
Member Secretary

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TPAV # 22H2CT8U8E



CONDITIONS PERTAINING TO WATER (PREVENTION & CONTROL OF POLLUTION) ACT 1974 :-

1. The daily quantity of trade effluent of the unit shall **not exceed 1100.000 KL/day**, and the daily quantity of sewage of the unit shall **not exceed 140.000 KL/day**.

2. **Trade Effluent Treatment:-** The applicant shall operate and maintain **Effluent Treatment System** to achieve following standards-

pH	Between	6.5 – 8.5	Chlorobenzene	Not exceed	0.2 mg/l
Suspended Solids	Not exceed	100 mg/l.	Phosphates as P	Not exceed	5 mg/l
BOD ₅ Days 27°C	Not exceed	30 mg/l.	Sulphides as S	Not exceed	2 mg/l
COD	Not exceed	250 mg/l.	Phenolic Compounds	Not exceed	1 mg/l
Oil and grease	Not exceed	10 mg/l.	Zinc	Not exceed	5 mg/l
TDS	Not exceed	2100 mg/l.	Copper	Not exceed	3 mg/l
Chlorides	Not exceed	1000 mg/l.	Total Chromium	Not exceed	2 mg/l
Bio - Assay Test	90% Survival of Fish after first 96 hours in 100% effluent		Hexavalent Chromium (Cr ⁶⁺)	Not exceed	0.1 mg/l
Benzene	Not exceed	0.1 mg/l	Cyanide (as HCN)	Not exceed	0.1 mg/l
Xylene	Not exceed	0.12 mg/l	Arsenic	Not exceed	0.2 mg/l
Methylene Chloride	Not exceed	0.9 mg/l	Mercury	Not exceed	0.01 mg/l
			Lead	Not exceed	0.1 mg/l

For other parameters general standards of discharge as notified under EP Act 1986 shall be applicable.

3. **Sewage Treatment :-** The applicant shall operate and maintain **Sewage Treatment System** to achieve following standards-

pH	Between	5.5 – 9.0
Suspended Solids	Not exceed	100 mg/l.
BOD ₅ Days 27°C	Not exceed	30 mg/l.
COD	Not exceed	250 mg/l.
Oil and grease	Not exceed	10 mg/l.
Fecal Coliform	Not exceed	1000 MPN/100 ml.

Sr.	Water Code (Quantity in Kilo Liter per Day)	WC : 2330.000	WWG : 1240.000	Water Source
1.	Boiler Feed	625.000	255.000	Bore-Well & Recycled
2.	Cooling Water	780.000	245.000	Recycled & Surface water
3.	Domestic Purpose	165.000	140.000	Bore-Well
4.	Mnfg Process	385.000	385.000	Local Body, Bore-Well & Tanker
5	Others	375.000	215.000	Bore-Well & Recycled

4. The effluent shall be treated up to prescribed Standards and reuse in the process, for cooling and green belt devolvement/gardening within premises. Hence zero discharge condition shall be practiced. In no case treated effluent shall be discharged outside of industry/unit premises.

5. Water meter preferably electromagnetic/ultrasonic type with digital flow recording facilities shall be installed separately for category wise consumption of water for Industrial cooling/boiler feed, process & domestic purposes and data shall be submitted online through XGN monthly patrak/statements. The industry/unit shall also monitor the treated wastewater flow and report the same online through monthly patrak/statements.

6. Any change in production capacity, process, raw material used etc. and for any enhancement of the above prior permission of the Board shall be obtained. All authorized discharges shall be consistent with terms and conditions of this consent. Facility expansions, production increases or process modifications which result new or increased discharges of pollutants must be reported by submission of a fresh consent application for prior permission of the Board

7. All treatment/control facilities/systems installed or used by the applicant shall be regularly maintained in good working order and operate effectively/efficiently to achieve compliance of the terms and conditions of this consent

8. Compilation of Monitoring data-

i. Samples and measurements taken to meet the monitoring requirements specified above shall be representative of the volume and nature of monitored discharge.

ii. Following promulgation of guidelines establishing test procedures for the analysis of pollutants, all sampling and

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analytical methods used to meet the monitoring requirements specified above shall conform to such guidelines unless otherwise specified sampling and analytical methods shall conform to the latest edition of the Indian Standard specifications and where it is not specified the guidelines as per standard methods for the examination of Water and Waste latest edition of the American Public Health Association, New York U.S.A. shall be used.

iii. The applicant shall take samples and measurement to meet the monthly requirements specified above and report online through XGN the same to the Board.

9. Recording of Monitoring Activities & Results-

i. The applicant shall make and maintain online records of all information resulting from monitoring activities by this Consent.

ii. The applicant shall record for each measurement of samples taken pursuant to the requirements of this Consent as follows:

- (i) The date, exact place and time of sampling
- (ii) The dates on which analysis were performed
- (iii) Who performed the analysis?
- (iv) The analytical techniques or methods used and
- (v) The result of all required analysis

iii. If the applicant monitors any Pollutant more frequently as is by this Consent he shall include the results of such monitoring in the calculation and reporting of values required in the discharge monitoring reports which may be prescribed by the Board. Such increased frequency shall be indicated on the Discharge Monitoring Report Form.

iv. The applicant shall retain for a minimum of 3 years all records of monitoring activities including all records of Calibration and maintenance of instrumentation and original strip chart regarding continuous monitoring instrumentation. The period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the applicant or when requested by Central or State Board or the court.

10. Reporting of Monitoring Results:-

Monitoring Information required by this Consent shall be summarized and reported by submitting a Discharge Monitoring report on line to the Board.

11. Limitation of discharge of oil Hazardous Substance in harmful quantities:-

The applicant shall not discharge oil or other hazardous substances in quantities defined as harmful in relevant regulations into natural water course. Nothing in this Consent shall be deemed to preclude the institution of any legal action nor relive the applicant from any responsibilities, liabilities, or penalties to which the applicant is or may be subject to clauses.

12. Limitation of visible floating solids and foam:

During the period beginning date of issuance the applicant shall not discharge floating solids or visible foam.

13. Disposal of Collected Solid waste/Sludge-

All hazardous waste/sludge shall be disposed of as per the Authorization issued under Hazardous & other waste (M&TM) Rules 2016. And/other Solids Sludges, dirt, silt or other pollutant separated from or resulting from treatment shall be disposed of in such a manner as to prevent any pollutant from such materials from entering any such water Any live fish, Shall fish or other animal collected or trapped as a result of intake water screening or treatment may be returned to eaters body habitat.

14. Provision for Electric Power Failure-

The applicant shall assure to the consent issuing authority that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities utilized by the applicant to maintain compliance with the terms and conditions of the Consent.

15. Prohibition of Bypass system of treatment facilities-

The diversion or by-pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this Consent in prohibited except:

- i. where unavoidable to prevent loss of life or severe property damage, or
- ii. Where excessive storm drainage or run off would damage any facilities necessary for compliance with the terms and conditions of this Consent. The applicant shall immediately notify the consent issuing authorities in writing of each such diversion or by-pass in accordance with the procedure specified above for reporting non-compliance.

16. Industry management shall submit the information online through XGN in reference to compliance of consent conditions.

17. Industry shall ensure that whole quantity of effluent shall be treated with ETP, followed by RO, MVRE, MEE and ATFD to ensure Zero liquid discharge from the premises.

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Paryavaran Parisar, Bhopal - 16 MP
Tele : 0755-2466191, Fax-0755-2463742

18. The industry shall install advance process technologies for reduction of effluent and waste generation from the unit.
19. The industry shall continue to re-utilize the MEE condensate completely in process/ utility.
20. Treatment of other effluents such as plant washing, leakages, boiler blow down, softener regeneration, DM plant, regeneration, plate heat exchangers cleaning etc shall be done in the ETP and use for process/utilities.
21. The industry shall make all possible protection arrangements for control of pollution in nearby nallah/water resources from the industry.
22. Industry shall be make the arrangement for conducting Bioassay test and submit Bioassay test report to the Board.
23. Industry shall operate and maintain **Online Continuous Effluent Monitoring System** at the outlet of the ETP for measurement of parameters like pH, COD, BOD, TSS, Cr, As and to install online continuous emission monitoring system at the source for measurement of parameter PM, or some industry specific parameters notified under Environment (Protection) Act/Rules.

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**CONDITIONS PERTAINING TO AIR (PREVENTION & CONTROL OF POLLUTION) ACT 1981 :-**

1. The applicant shall operate and maintain **Air Pollution Control System** to achieve the level of pollutants to the following standards:-

Name of section	Capacity	Stack height (mtrs)	Fuel	Control equipment installed	P.M, SO _x , NO _x (mg/Nm ³)
Boiler	6 TPH	30 Common Stack for Boiler 1 & 2	Furnace Oil - 450 liter/hr	Air Pre-heater, Bag Filter, Dust Collector, Green Belt	150, -, -
Boiler	6 TPH	30 Common Stack for Boiler 1 & 2	Pet Coke - 1.1 TPH	Air Pre-heater, Bag Filter, Dust Collector, Green Belt, Muffler	150, -, -
Boiler	6 TPH	30	Coal - 1.1 TPH	Air Pre-heater, Bag Filter, Dust Collector, Green Belt	150, -, -
Thermic Fluid Heater	1 Lac KCal/hr.	23 Common Stack	LDO - 125 liter/hr	Green Belt	150, -, -
Thermic Fluid Heater	2 X 2 Lac KCal/hr.	23 Common Stack	LDO - 125 liter/hr	Green Belt	150, -, -
Thermic Fluid Heater	2 X 4 Lac KCal/hr.	23 Common Stack	LDO - 125 liter/hr	Green Belt	150, -, -
Incinerator	2 TPD	30	HSD - 20.8 liter/hr	Alkali Scrubber, Water Sprinkler	150, -, -
D.G. Sets	260 KVA	3	HSD - 75 liter/hr	Acoustic enclosure, Natural Draft	As per MoEF&CC/CPCB notifications
D.G. Sets	395 KVA	3	HSD - 110 liter/hr	Acoustic enclosure, Natural Draft	
D.G. Sets	1000 KVA	30	HSD - 235 liter/hr	Acoustic enclosure, Natural Draft	
D.G. Sets	1000 KVA	30	HSD - 235 liter/hr	Acoustic enclosure, Natural Draft	
D.G. Sets	1000 KVA	30	HSD - 235 liter/hr	Acoustic enclosure, Natural Draft	
D.G. Sets	1010 KVA	30	HSD - 235 liter/hr	Acoustic enclosure, Natural Draft	
D.G. Sets	1010 KVA	30	HSD - 235 liter/hr	Acoustic enclosure, Natural Draft	
D.G. Sets	1500 KVA (New)	30	HSD - 355 liter/hr	Acoustic enclosure, Natural Draft	
Boiler	8 TPH (New)	30	Coal - 1.2 TPH	Bag Filter, Green Belt	150, -, -
Boiler	8 TPH	30	Coal - 1.2 TPH	Air Pre-heater, Bag Filter, Dust Collector, Green Belt	150, -, -
Boiler	8 TPH	30	Coal - 1.2 TPH	Air Pre-heater, Bag Filter, Dust Collector, Green Belt	150, -, -
Acid Mists	For Acid Scrubbing	10	---	Scrubber	As per MoEF&CC/CPCB notifications
Ammoniation	For Ammonia Scrubbing	10	---	Scrubber	

2. Ambient air quality at the boundary of the industry/unit premises shall be monitored and reported to the Board regularly on quarterly basis: The Ambient air quality norms are prescribed in MoEF&CC gazette notification no. GSR/826(E), dated: 16/11/2009. Some of the parameters are as follows:

- Particulate Matter (less than 10 micron) - 100 µg/m³ (PM10 µg/m³ 24 hrs. basis)
- Particulate Matter (less than 2.5 micron) - 60 µg/m³ (PM2.5 µg/m³ 24 hrs. basis)
- Sulphur Dioxide [SO₂] (24 hrs. Basis) - 80 µg/m³
- Nitrogen Oxides [NO_x] (24 hrs. Basis) - 80 µg/m³
- Carbon Monoxide [CO] (8 hrs. Basis) - 2000 µg/m³

3. The industry shall take adequate measures for control of noise level generated from industrial activities within the premises less than 75 dB(A) during day time and 70 dB(A) during night time.

4. Industry/Unit shall provide with each stack port hole with safe platform of 1 meter width with support & spiral ladder/ Stepped ladder with hand rail up to monitoring platform as per specifications given in part-III emission regulation of CPCB. In no case monkey ladder shall be allowed as stack monitoring facility.

5. The industry/unit shall make the necessary arrangements for control of the fugitive emission from any source of emission/section/activities.

6. All other fugitive emission sources such as leakages, seepages, spillages etc shall be ensured to be plugged or sealed or made airtight to avoid the public nuisance.

7. The industry/ unit shall ensure all necessary arrangements for control of odour nuisance from the industrial activities or process within premises.

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8. All the internal roads shall be made pucca to control the fugitive emissions of particulate matter generated due to transportation and internal movements. Good housekeeping practices shall be adopted to avoid leakages, seepages, spillages etc.
9. Industry shall take effective steps for extensive tree plantation preferably of the local tree species within or around the industry/unit premises for general improvement of environmental conditions.
10. Industry shall write name of the industry on stack with heat resistant paint.
11. The industry shall provide adequate APCs in all possible points of solvents emission in the plant and recovery of solvents shall not be less than 98% for low boiling solvents and 95% for other solvents.
12. The industry shall provide Pneumatic ash handling system with Silo for Boiler ash.
- 13. The industry shall install, operate and maintain Online Continuous Emission Monitoring System (OCEMS) including remote calibration facility for the parameters like particulate matter (PM), Sulphur Oxides (SO_x), Nitrogen Oxides (NO_x) or other industry specific parameters notified under Environment (Protection) Act/Rules and maintain its unhindered connectivity with Environment Surveillance Centre M P Pollution Control Board Bhopal for remote surveillance within 4 months of date of issue of this consent letter.**
- 14. Industry shall complete construction work of RCC roads near ETP and Boiler house area within 4 months of date of issue of this consent letter.**
- 15. Industry shall complete repair work of Conveyor belt system for coal transfer within 4 months of date of issue of this consent letter.**

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CONDITIONS PERTAINING TO THE HAZARDOUS AND OTHER WASTES (MANAGEMENT AND TRANSBOUNDARY MOVEMENT) RULES, 2016:-

[See rule 6 (2)]

FORM-2

FORM FOR GRANT OR RENEWAL OF AUTHORISATION BY STATE POLLUTION CONTROL BOARD TO THE OCCUPIERS, RECYCLERS, REPROCESSORS, REUSERS, USER AND OPERATORS OF DISPOSAL FACILITIES

1. Number of authorisation and date of issue : ,
2. Reference of application (No. and date) : **COE-1259487, Dt. 23/01/2023**
3. The Occupier of **M/s. Ipca Laboratories Ltd.** is hereby granted an authorisation for generation, collection, storage, transport and disposal of hazardous wastes on the premises situated at **Village Sejavta, Distt. Ratlam - 457002(M.P.)**.

Details of Authorisation

S. No.	Type of waste	Waste Category	Mode of Disposal	Quantity (Ton/Annum)
1	Used or Spent oil	I-5.1	Recycling/Through Authorised Recycler	8
2	Process Residue and wastes	I-28.1	Incineration/Co-Processing/TSDF Facility/Pre-Processing	1500
3	Spent Carbon	I-28.3	Incineration/Co-Processing/TSDF Facility/Recycling/Pre-Processing	1500
4	Date-expired products	I-28.5	Incineration/Co-Processing/TSDF Facility/Pre-Processing	32
5	Off specification Product	I-28.4	Incineration/Co-Processing/TSDF Facility/Pre-Processing	32
6	Contaminated cotton rags or other cleaning materials	I-33.2	Incineration/TSDF Facility/Authorised Recycler/Pre-Processing	15
7	Chemical-Containing Residue From Decontamination	I-34.1	Incineration/Co-Processing/Pre-Processing	4
8	Exhaust Air or Flue gas cleaning residue	I-35.1	Incineration/Co-Processing/TSDF Facility/Pre-Processing	3
9	Oil and grease skimming Residues	I-35.4	TSDF Facility/Pre-Processing	4
10	Spent Carbon or Filter Medium	I-36.2	Incineration/Co-Processing/Pre-Processing/Authorised Recycler/TSDF Facility	10
11	Spent Solvent	I-28.6	Incineration/Co-Processing/TSDF Facility/Recycling/Pre-Processing/Reuse/Authorised Recycler	2500
12	Empty Barrels/Containers/Liners contaminated with Hazardous Wastes/Chemicals	I-33.1	Pre-Processing/Recycling/Decontamination/Authorised Recycler/Reuse	250
13	Any Process or Distillation Residues	I-36.1	Co-Processing/TSDF Facility/Pre-Processing	600
14	Chemical Sludge From Waste Water Treatment	I-35.3	TSDF Facility/Pre-Processing	5000
15	Chemical Sludge From Waste Water (MEE Salt)	I-35.4	TSDF Facility/Pre-Processing	4200
16	Ash From Incineration Of Hazardous Waste, Flue Gas Cleaning Residues	I-37.2	Co-Processing/TSDF Facility/Pre-Processing	70
17	Spent ion exchange resin containing toxic chemicals	I-35.2	Incineration/TSDF Facility/Pre-Processing	5
18	Spent Catalyst	I-28.2	TSDF Facility/Pre-Processing/Authorised Recycler/Recycling	25
19	Corrosive (Spent acid, caustic acid)	II-C2	Recycling/Reuse/Authorised Recycler	350

4. The waste specified under hazardous waste stream as mentioned above shall be stored as per MoEF&CC and CPCB guidelines issued time to time and disposed off as indicated in above table as Hazardous and other Wastes (Management & Transboundary Movement) Rules, 2016.

5. The authorization shall be in force for a period up to **31/01/2028**.

6. The industry shall take all the steps wherever required, for reduction of the waste generated or for recycling or reuse.

7. The industry shall display the information on hazardous waste generated on notice board of size 6' X 4' (in Hindi & English) outside the unit main gate along with quantity and nature of hazardous chemicals being handled in the plant, including wastewater, air emission and hazardous wastes.

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8. The authorisation is subject to the terms & conditions as given below and to such conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986. Violation of any of the conditions shall be liable for legal action as per provisions under Environment (Protection) Act, 1986.

Terms and Condition of Authorisation:-

1. The authorization shall comply with the provision of Environment (Protection) Act, 1986 and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the M.P. Pollution Control Board.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous wastes without obtaining prior permission of the M.P. Pollution Control Board.
4. Any unauthorized change in personnel, equipments as working condition as mentioned in the application by the person authorized shall constitute a breach of this authorization.
5. The authorized officer should inform the name, address and telephone/mobile number of the nodal officer responsible for hazardous wastes management.
6. An application for the renewal of an authorization shall be made as laid down under the Hazardous and other Waste (Management & Transboundary movement) Rule, 2016
7. Any other conditions for compliance shall be bound on authorized officer as per the Guidelines issued by the MoEF&CC or CPCB.
8. If the industry comes in such a category where insurance under Public Liability Insurance Act is necessary, the industry will comply with provisions and submit a copy of the policy to the Board.
9. The information regarding quantity of hazardous wastes generated and its analysis report should be sent to the Board once in a year.
10. The authorized officer shall keep records of analysis of wastes or other relevant findings for at least three years from the date of dispatch of the waste for treatment, storage or disposal.
11. The utilization of hazardous waste as a supplementary resource or for energy recovery or after processing shall be carried out by the units only after obtaining approval from the Central Pollution Control Board.
12. The occupier generating the hazardous wastes, specified in Schedule-IV may sell it only to the recycler having a valid registration from the Central Pollution Control Board/State Pollution Control Board for recycling or recovery.
13. The occupier shall be responsible for safe and environmentally sound handling of hazardous wastes generated in his establishment.
14. The hazardous wastes generated in the establishment of an occupier shall be sent or sold to a recycler or re-processor or re-user registered or authorized under these rules or shall be disposed off in an authorized disposal facility.
15. The occupier shall take all adequate steps while handling hazardous wastes to contain contaminants and prevent accidents and limit their consequences on human beings and the environment and provide persons working on the site with the training, equipment and the information necessary to ensure their safety.
16. In case of transport of hazardous wastes for final disposal to a facility for treatment, storage and disposal existing in a State other than the State where the hazardous waste is generated, the occupier shall obtain 'No Objection Certificate' from the State Pollution Control Board of both the States.
17. The authorized person shall submit Environmental statement of the financial year ending on 31st March in Form-5 of Environmental (Protection) Rules 1986 to Board on or before 30th of September of every year.
18. The wastes must be given thermal/biological/physico-chemical treatment. The wastes, should be completely dewatered, detoxified, properly conditioned and if possible recovery be made before their disposal.

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19. "Hazardous Waste storage site" & Danger sign board shall be provided with all safety devices at the storage site if applicable.

20. As per Rule 6(1) in case the holder of the authorization fails to comply with any of the conditions of the authorization or with any provisions of the E (P) Act or the Rules, Board shall cancel or suspend the authorization issued under rule – 7 (1) for such period as it considers necessary in the public interest.

21. Board upon suspension or cancellation of the authorization may give directions to the person as per Rule 7(2) whose authorization has been suspended or cancelled for the safe storage of the hazardous waste, and such person shall comply with such directions.

Forms & Returns

22. (i) The authorized person as per rule 6(5) & 20(1&2) shall maintain record of Hazardous Waste handled by him in Form-3 and submit to M.P. Pollution Control Board an annual return containing the details specified in Form-4 on or before 30th of June following to the financial years to which the return relates.

(ii) In case of transportation of Hazardous Wastes the occupier shall provide the transporter with the relevant information as per Rules, 18(2) in Form-9 regarding the hazardous nature of the wastes and measures to be taken in case of an emergency and shall mark the hazardous wastes containers as per Form-8.

(iii) The manifest related to transportation of hazardous waste as per Rule 19(2) shall be forwarded to M.P. Pollution Control Board in Form-10 before the occupier hands over the hazardous wastes to the transporter.

(iv) Where an accident occurs at the facility or on a hazardous waste site or during transportation of the hazardous waste, the occupier or operator of the facility or the transporter, as the case may be shall report immediately to the M.P. Pollution Control Board about the accident in Form-11 as per Rule 22.

Storage & Disposal of Hazardous wastes

23. The occupier, recyclers, re-processors, re-users, and operators of facilities may store the hazardous wastes for a period not exceeding ninety days and shall maintain a record of sale, transfer, storage, recycling and reprocessing of such wastes and make these records available for inspection.

Packing, Labeling & Transportation of Hazardous wastes

24. (i) The occupier or operator of the Treatment, Storage and Disposal Facility or recycler shall ensure that the hazardous waste are packaged and labeled, based on the composition in a manner suitable for safe handling, storage and transport as per the guidelines issued by the Central Pollution Control Board vide - October 2004 & conditions issues from time to time.

(ii) The labeling and packaging shall be easily visible and be able to withstand physical conditions and climate factors.

(iii) The transport of the hazardous wastes shall be in accordance with the provision of these rules and the rules made by the Central Govt. under the Motor Vehicle Act 1988 and other guidelines issued from time to time in this regard.

(iv) In case of transportation of hazardous wastes through a State other than the State of origin or destination, the occupier shall intimate the concerned State Pollution Control Board before he hands over the hazardous wastes to the transporter. (v) The occupier shall provide the transporter with six copies of the manifest as per the colour codes as per rule 19(1).

(vi) The occupier shall forward copy 1 (white) to the State Pollution Control Board and in case the hazardous wastes is likely to be transported through any transit State, the occupier shall prepare an additional copy each for intimation to such State and forward the same to the concerned SPCB before he hands over the hazardous wastes to the transporter.

(vii) No transporter shall accept hazardous wastes from an occupier for transport unless copies 3 to 6 of the manifest accompany it.

(viii) The transporter shall submit copies 3 to 6 of the manifest duly signed with date to the operator of the facility along with the waste consignment.

25. (i) The occupier, importer, transporter and operator of the facility shall be liable for all damages caused to the environment or third party due to improper handling of the hazardous wastes or disposal of hazardous waste.



GENERAL CONDITIONS:

1. The non hazardous solid waste arresting in the industry/unit/unit premises sweeping, etc. be disposed off scientifically so as not to cause any nuisance/pollution. The applicant shall take necessary permission from civic authorities for disposal to dumping site. If required.

Non Hazardous Solid wastes:-

Type of waste	Quantity	Disposal
MS Barrels	100 MT	Re-use/Sale to authorized party/As Per CPCB/MoEF&CC Guidelines/Others.
Plastic Liners	50 MT	
PVC Waste	50 MT	
Steel Scrap	1000 MT	
Aluminium Foil	15 MT	
Glass Waste	120 MT	
Rubber Pipe/PVC Pipes	18 MT	
Garbage	200 MT	
Plastic Drums	80 MT	
Fiber Drums	80 MT	
Wooden Scrap	70 MT	
Corrugated Box	150 MT	
Electrical Wires	2 MT	
Aluminium Scrap	10 MT	
Copper Scrap	5 MT	
Waste Paper	130 MT	
Filter cloth	50 MT	
Polythene Mix Class	75 MT	
Boiler Coal Ash	4000 MT	
Canteen Waste	75 MT	
Biological Sludge from ETP as manure	800 MT	
B blister Cutting / PVC Cutting	70 MT	
HDPE Bags	85 MT	

2. The applicant shall allow the staff of Madhya Pradesh Pollution Control Board and/or their authorized representative, upon the representation of credentials:

- To inspect raw material stock, manufacturing processes, reactors, premises etc to perform the functions of the Board.
- To enter upon the applicant's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this Consent.
- To have access at reasonable times to any records required to be kept under the terms and conditions of this Consent.
- To inspect at reasonable times any monitoring equipment or monitoring method required in this Consent: or,
- To sample at reasonable times any discharge or pollutants.

3. This consent/authorisation is transferable in nature, in case of any change in ownership / management, the new owner / partner / directors / proprietor shall immediately apply for the consent with new requisite information.

4. The issuance of this Consent does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorise any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.

5. Industry shall install separate electric metering arrangement for running of pollution control devices and this arrangement shall be made in such fashion that any non-functioning of pollution control devices shall immediately stop electric supply to the production and shall remain tripped till such time unless the pollution control device/devices are made functional. The record of electricity consumption for running of pollution control equipment shall be maintained and submitted to the Board every month

6. This consent is granted in respect of Water pollution control Act 1974 or Air Pollution Control act, 1981 or Authorization under the provisions of Hazardous and other Wastes (Management & Transboundary Movement) Rules 2016 only and does not relate to any other Department/Agencies. License required from other Department/Agencies have to be obtained by the unit separately and have to comply separately as per there Act / Rules.

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7. Balance consent/authorisation fee, if any shall be recoverable by the Board even at a later date.
8. The applicant shall submit such information, forms and fees as required by the board not later than 180 day prior to the date of expiration of this consent/authorisation.
9. The industry/unit shall establish a separate environmental cell, headed by senior officer of the unit for reporting the environmental compliances. The industry/ Unit shall submit environmental statement for the previous year ending 31st March on or before 30th September every year to the Board.
10. Industry shall obtain membership of Emergency Response Center of the Board if needed.
11. Knowingly making any false statement for obtaining consent or compliance of consent conditions shall result in the imposition of criminal penalties as provided under the section 42(g) of the Water Act or section 38 (g) of the Air Act.
12. After notice and opportunity for the hearing, this consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to, the following :
 - (a) Violation of any terms and conditions of this Consent.
 - (b) Obtaining this Consent by misrepresentation of failure to disclose fully all relevant facts.
 - (c) A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.
13. On violation of any of the above-mentioned conditions the consent granted will automatically be taken as canceled and necessary action will be initiated against the industry.
14. The industry shall maintain the record of generation and disposal of the non-hazardous wastes and same shall be produced before the officers of Pollution Control Board during inspection or visit.
15. The industry shall install, operate and maintain "Outdoor HD Industrial grade IP (Internet Protocol) cameras with Pan-Tilt-Zoom (PTZ) feature with night vision facility and tamper proof mechanism and maintain its unhindered connectivity with Environment Surveillance Centre, M.P. Pollution Control Board Bhopal for remote surveillance.

Product & Production Capacity

S. No.	Product	Production Capacity/Year
1.	2-Oxo Clopidogrel Bisulphate	
2.	Aceclofenac	
3.	Alendronate Sodium	
4.	Alendronic Acid	
5.	Allopurinol	
6.	Alpha - Beta Arteether	
7.	Amlodipine Besylate	
8.	Amodiaquine Hydrochloride/Base	
9.	Aripiprazole	
10.	Artemether	
11.	Artemisinin	
12.	Artemotil / Arteether	
13.	Artesunate	
14.	Artesunate (Sterile)	
15.	Atenolol	
16.	Atovaquone	
17.	Atovaquone Proguanil	
18.	Azilsartan	
19.	Bendroflumethiazide	
20.	Benzbromarone	
21.	Benzocaine	
22.	Bisoprolol Fumerate	
23.	Bupropion Hcl	
24.	Candesartan	
25.	Carvedilol	
26.	Celecoxib	
27.	Cetirizine Di Hydrochloride	
28.	Chloroquine Phosphate/Suphate	
29.	Chlorthalidone / Chlortalidone	
30.	Cilostazol	
31.	Citalopram Hydrobromide	

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32.	Clindamycin HCl
33.	Clopidogrel Bisulfate
34.	Clozapine
35.	Colesevelam Hcl
36.	Dapagliflozin
37.	Desvenlafaxine Succinate
38.	Diphenoxylate Hcl
39.	Dexlansoprazole
40.	Dihydroartemisinin
41.	Disodium Pamoate
42.	Donepezil Hcl
43.	Duloxetine Hcl
44.	Entacapone
45.	Escitalopram Oxalate
46.	Esomeprazole Magnesium
47.	Eszopiclone
48.	Etodolac
49.	Etodolac Sodium
50.	Felodipine
51.	Fluxetine HCL
52.	Famotidine
53.	Febuxostat
54.	Fenofibrate
55.	Fluconazole
56.	Flumequine
57.	Fomepizole
58.	Frusemide / Furosemide
59.	Gabapentin
60.	Gliclazide
61.	Glimepiride
62.	Glipizide
63.	Hydralazine Hydrochloride
64.	Hydrochlorothiazide
65.	Hydroxy Chloroquine Sulphate
66.	Hydroxyzine Di Hydrochloride
67.	Hydroxyzine Pamoate
68.	Imeglimin HCl
69.	Imipramine HCl & Pamoate
70.	Indapamide
71.	Irbesartan
72.	Iguratomod
73.	Lamotrigine
74.	Levetiracetam
75.	Levocetirizine Hydrochloride
76.	Levofloxacin Hemi Hydrate
77.	Loperamide Hcl
78.	Losartan Potassium
79.	Lumefantrine
80.	Meloxicam
81.	Mesalamine
82.	Metaxalone
83.	Metformin Hydrochloride
84.	Methylphenidate Hydrochloride
85.	Metoclopramide Base
86.	Metoclopramide Hydrochloride
87.	Metoprolol Succinate
88.	Metoprolol Tartrate
89.	Midodrine Hydrochloride
90.	Mirtazapine
91.	Morantel Citrate/Tartrate
92.	Nabumetone
93.	Nebivolol
94.	Nifedipine
95.	Olanzapine

Consent No: AWH-57643



Consent Order

M.P. Pollution Control Board
E-5, Arera Colony
Paryavaran Parisar, Bhopal - 16 MP
Tele : 0755-2466191, Fax-0755-2463742

96.	Olmesartan Medoxomil
97.	Omeprazole
98.	Ondansetron
99.	Ondansetron Hydrochloride Dihydrate
100.	Oxantel Pamoate
101.	Oxybutynin Chloride
102.	Pantoprazole Sodium Sesqui Hydrate
103.	Paroxetine Hcl Anhydrous
104.	Paroxetine Hcl Hemihydrate
105.	Phenylephrine
106.	Phthalaginone
107.	Piroxicam
108.	Piperazine ML /Salt (by-Product)
109.	Piperaquine Phosphate
110.	Prasugrel Hcl
111.	Primaquine Phosphate
112.	Probenecid
113.	Propafenone Hydrochloride
114.	Proguanil Hydrochloride /Base
115.	Promethazine Hydrochloride
116.	Propranolol Hydrochloride
117.	Pyrantel Pamoate
118.	Pyrantel Tartrate
119.	Pyrimethamine
120.	Pregabalin
121.	Oxcarbazepine
122.	Quetiapine Hemifumarate
123.	Ractopamine Hydrochloride
124.	Resindronate Sodium
125.	Risperidone
126.	Ritalinic Acid
127.	Sacubitril Valsartan
128.	Sacubitrile
129.	Saxagliptin
130.	Silodosin
131.	Simvastatin
132.	Sodium Barbitol
133.	Sodium Valproate
134.	Sulfadoxine
135.	Sulphamethaoxypyridine
136.	Sumatriptan Succinate
137.	Synthon C
138.	Telmisartan
139.	Terbinafine
140.	Terbutaline Sulphate
141.	Torsemide
142.	Trazadone HCL
143.	Tramadol Hydrochloride
144.	Triamterene
145.	Trimethoprim
146.	Valsartan
147.	Venlafaxine Hydrochloride
148.	Vildagliptin
149.	Warfarin Sodium
150.	Warfarin Sodium Clathrate
151.	Warfarine Potassium
152.	Ziprasidone
153.	Zopiclone
154.	PPAM (R)- Intermediate of Ritalinic Acid
155.	HEP (Intermediate of Amlodipine)
156.	Methyl Amino crotonate (Intermediate of Amlodipine)
157.	Doxylamine Succinate
158.	Baclofen
159.	Methanamine Hippurate

Consent No: AWH-57643



Consent Order

M.P. Pollution Control Board
E-5, Arera Colony
Paryavaran Parisar, Bhopal - 16 MP
Tele : 0755-2466191, Fax-0755-2463742

160.	Sitagliptin	
161.	Apixaban	
162.	Rivaroxaban	
163.	Linagliptin	
	TOTAL	4200 MT

Consent as required under the Water (Prevention & Control of Pollution) Act, 1974 & The Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Hazardous and other Wastes (Management & Transboundary Movement) Rules 2016 is granted to your industry subject to fulfillment of all the conditions mentioned above. For renewal purpose you shall have to make an application to this Board through XGN at least six months before the date of expiry of this consent. The applicant without valid consent (for operation) of the Board shall not bring in to use any outlet for the discharge of effluent and gaseous emission.

**For and on behalf of
M.P. Pollution Control Board**

By the order of Chairman, MPPCB

**CHANDRA MOHAN THAKUR
Member Secretary**



**(Organic Authentication on AADHAR from UIDAI Server)
TPAV # 22H2CT8U8E**

Consent No: AWH-57643

TEST REPORT

Test Report No.	PL/WA/20240524073	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	24/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	Above Ground Level Solvent Yard				
Sampling Procedure	PID Based Gas Detector				
Sampling Instrument	ION Science (PID GAS DETECTOR)				
Name Of Activity	Tanker Unloading				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Acetic Acid	ppm	7.3	PID Based Gas Detector	10
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

Note: This report is subjected to the terms and conditions mentioned overleaf

R. M. Rana
Rajeshwari Rana
Verified by

Prashant Bhidkar
Prashant Bhidkar
Authorised Signatory (Chemical)

***** End of Report *****


Registered & Head Office :


1st Floor, Bhanujyot Complex, Plot No.C5/27,
B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2425542, 2420995, 2424901
e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240525056	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	25/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-XX				
Sampling Procedure	PID Based Gas Detector				
Sampling Instrument	ION Science (PID GAS DETECTOR)				
Name Of Activity	Tank Farm Storage				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Acetone	ppm	5.6	PID Based Gas Detector	250
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

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Rajeshwari Rana
Verified by


Prashant Bhidkar
Authorised Signatory (Chemical)

***** End of Report *****

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B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240526003	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	26/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	Above Ground Level Solvent Yard				
Sampling Procedure	PID Based Gas Detector				
Sampling Instrument	ION Science (PID GAS DETECTOR)				
Name Of Activity	Drum Loading				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Ammonia	ppm	18.4	PID Based Gas Detector	25
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

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R.M.Rana
Rajeshwari Rana
Verified by


Prashant Bhidkar
Authorised Signatory (Chemical)

***** End of Report *****

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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240525051	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	25/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-XII/SSCF-04				
Sampling Procedure	PID Based Gas Detector				
Sampling Instrument	ION Science (PID GAS DETECTOR)				
Name Of Product	Artemether	Batch No.	24049AR4R11		
Name Of Activity	Centrifuge Unloading				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Methanol	ppm	1.7	PID Based Gas Detector	200
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

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R-M-Rana
Rajeshwari Rana
Verified by


Prashant Bhidkar
Authorised Signatory (Chemical)

***** End of Report *****

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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240524077	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NM				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	24/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	Under Ground Solvent Yard				
Sampling Procedure	PID Based Gas Detector				
Sampling Instrument	ION Science (PID GAS DETECTOR)				
Name Of Activity	Drum Loading				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Methanol	ppm	6.2	PID Based Gas Detector	200
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

Note: This report is subjected to the terms and conditions mentioned overleaf

R-M. Rana
Rajeshwari Rana
Verified by


Prashant Bhidkar
Authorised Signatory (Chemical)

***** End of Report *****

Registered & Head Office :

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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240524070	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	24/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	30/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	MIPA Storage Tank 15 and 51				
Sampling Procedure	NIOSH				
Sampling Instrument	Handy Sampler				
Name Of Activity	Storage				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	MIPA	ppm	1.8	NIOSH-S147(II-3)	5
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

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R.M. Rana
Rajeshwari Rana
Verified by

Prashant Bhidkar
Prashant Bhidkar
Authorised Signatory (Chemical)

***** End of Report *****

Registered & Head Office :

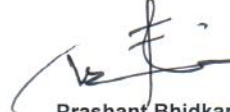
1st Floor, Bhanujyot Complex, Plot No.C5/27,
B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2425542, 2420995, 2424901
e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240524079	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	24/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-XII/ P P Area				
Sampling Procedure	PID Based Gas Detector				
Sampling Instrument	ION Science (PID GAS DETECTOR)				
Name Of Product	NA	Batch No.	NA		
Name Of Activity	Dryer Unloading				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	MDC	ppm	18	PID Based Gas Detector	NS
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable, NS- Not Specified.					

Note: This report is subjected to the terms and conditions mentioned overleaf


Rajeshwari Rana
Verified by


Prashant Bhidkar
Authorised Signatory (Chemical)

***** End of Report *****


Registered & Head Office :

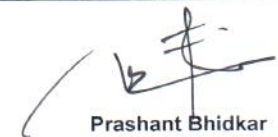
1st Floor, Bhanujyot Complex, Plot No.C5/27,
B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2425542, 2420995, 2424901
e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/BA/20240527042	Issue Date	June 1, 2024	
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST. RATLAM, MP.			
Customer Ref. No & Date	NA			
Part A: SAMPLE PARTICULARS				
Sample Name	Breathing Air Monitoring			
Sample Collection Date	25/05/2024	Sample Receipt Date	28/05/2024	
Analysis Start Date	29/05/2024	Analysis Completion Date	01/06/2024	
Part B: SAMPLING DETAILS				
Sample Collection	Collected By us			
Sampling Location	IBD-XIX			
Sampling Instrument	Air Sampler			
Sampling Procedure	NA			
Sampling duration	NA			
Any Other Information	NA			
Part C: TEST RESULTS				
Sr. No.	Test Parameters	Unit	Results Method	Specification/ Limits
1.	Oxygen concentration by volume (dry air)	%	20.9	21 ± 1%
2.	Carbon Monoxide	ppm	BDL	NMT 15
3.	Carbon Dioxide	ppm	295	NMT 500
4.	Water vapor	--	Complies	No free liquid water. (Referred to 0.1013 MPa at 20°C and without free liquid water.)
5.	Dew Point	°C	10	11°C at atmospheric press.
6.	Oil components (Condensed Hydrocarbons)	mg/m ³	BDL	NMT 0.5 mg/m ³ Odor, flavor substances & taste
7.	Odor, Flavor Substances and Taste	--	Odorless	Free of any significant Odour or taste
Part D: REMARKS: ---				
Part E: ABBREVIATIONS BDL-Below Detection Limit, Limit- As per DIN EN 12021 standard, NA-Not Applicable.				

Note: This report is subjected to the terms and conditions mentioned overleaf


Rajeshwari Rana
Verified by


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***** End of Report *****

Registered & Head Office :

1st Floor, Bhanujyot Complex, Plot No.C5/27,
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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240525050	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	25/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-XII/PPA-B				
Sampling Procedure	PID Based Gas Detector				
Sampling Instrument	ION Science (PID GAS DETECTOR)				
Name Of Product	Valsartan	Batch No.	24008VA6ARIIX		
Name Of Activity	Dryer Loading				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	MDC	ppm	28.1	PID Based Gas Detector	NS
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable, NS- Not Specified.					

Note: This report is subjected to the terms and conditions mentioned overleaf

R.M.Rana
Rajeshwari Rana
Verified by

Prashant Bhidkar
Prashant Bhidkar
Authorised Signatory (Chemical)

***** End of Report *****

Registered & Head Office :

1st Floor, Bhanujyot Complex, Plot No.C5/27,
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Ph. : (0260) 2975850, 2970850, 2425542, 2420995, 2424901
e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240524069	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	24/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	30/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-IV				
Sampling Procedure	NIOSH				
Sampling Instrument	Handy Sampler				
Name Of Activity	Cooling Tower Operation				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	MIPA	ppm	40	NIOSH-S147(II-3)	5
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

Note: This report is subjected to the terms and conditions mentioned overleaf

R.M. Rana
Rajeshwari Rana
Verified by

[Signature]
Prashant Bhidkar
Authorised Signatory (Chemical)

***** End of Report *****

Registered & Head Office :

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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240524072	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	24/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	30/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-XIV				
Sampling Procedure	NIOSH				
Sampling Instrument	Handy Sampler				
Name Of Activity	Vaccum Cooling Tower				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	MIPA	ppm	7.9	NIOSH-S147(II-3)	5
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

Note: This report is subjected to the terms and conditions mentioned overleaf

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Rajeshwari Rana
Verified by


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***** End of Report *****

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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240525052	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	25/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-II/SSH-05				
Sampling Procedure	PID Based Gas Detector				
Sampling Instrument	ION Science (PID GAS DETECTOR)				
Name Of Product	NA	Batch No.	NA		
Name Of Activity	Storage Tank				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	IPA	ppm	1.9	PID Based Gas Detector	400
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

Note: This report is subjected to the terms and conditions mentioned overleaf

R-M-Rana
Rajeshwari Rana
Verified by

Prashant Bhidkar
Prashant Bhidkar
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***** End of Report *****

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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240524068	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST. RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	24/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-IV				
Sampling Procedure	PID Based Gas Detector				
Sampling Instrument	ION Science (PID GAS DETECTOR)				
Name Of Activity	Cooling Tower Operation				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Ammonia	ppm	160	PID Based Gas Detector	25
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

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R.M.Rana
Rajeshwari Rana
Verified by

Prashant Bhidkar
Prashant Bhidkar
Authorised Signatory (Chemical)

***** End of Report *****

Registered & Head Office :

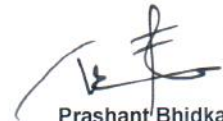
1st Floor, Bhanujyot Complex, Plot No.C5/27,
B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2425542, 2420995, 2424901
e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240525057	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST. RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	25/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-IV				
Sampling Procedure	PID Based Gas Detector				
Sampling Instrument	ION Science (PID GAS DETECTOR)				
Name Of Activity	Pressure Filter Area				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Ammonia	ppm	20	PID Based Gas Detector	25
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

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Rajeshwari Rana
Verified by


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Registered & Head Office :

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B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2425542, 2420995, 2424901
e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240525055	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	25/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-XX				
Sampling Procedure	PID Based Gas Detector				
Sampling Instrument	ION Science (PID GAS DETECTOR)				
Name Of Activity	Tank Farm Storage				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Toluene	ppm	2.6	PID Based Gas Detector	100
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

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Rajeshwari Rana
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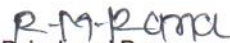
Registered & Head Office :

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B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2425542, 2420995, 2424901
e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240525053	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	25/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-XVII				
Sampling Procedure	PID Based Gas Detector				
Sampling Instrument	ION Science (PID GAS DETECTOR)				
Name Of Activity	XVII Tank Farm Storage				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Toluene	ppm	2.1	PID Based Gas Detector	100
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240524078	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NM				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	24/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	Under Ground Solvent Yard				
Sampling Procedure	PID Based Gas Detector				
Sampling Instrument	ION Science (PID GAS DETECTOR)				
Name Of Activity	Drum Loading				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Acetone	ppm	57.6	PID Based Gas Detector	250
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240524076	Issue Date	June 1, 2024			
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST. RATLAM, MP.					
Customer Ref. No & Date	NA					
Part A: SAMPLE PARTICULARS						
Sample Name	Work Place Air Monitoring					
Sample Collection Date	24/05/2024	Sample Receipt Date	28/05/2024			
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024			
Part B: SAMPLING DETAILS						
Sample Collection	Collected By us					
Sampling Location	B. D Store					
Sampling Procedure	PID Based Gas Detector					
Sampling Instrument	ION Science (PID GAS DETECTOR)					
Sampling duration	NA					
Any Other Information	NA					
Part C: TEST RESULTS						
Sr. No.	Test Parameters	SPOT	Unit	Results	Test Method	Specification/ Limits
1.	Vinyl Chloride	Water reactive	ppm	4.2	PID Based Gas Detector	NS
Part D: REMARKS: ---						
Part E: ABBREVIATIONS: NA-Not Applicable.						

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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240525054	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	25/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-XX				
Sampling Procedure	PID Based Gas Detector				
Sampling Instrument	ION Science (PID GAS DETECTOR)				
Name Of Activity	Tank Farm Storage				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Ethyl Acetate	ppm	23.2	PID Based Gas Detector	400
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240524066	Issue Date	June 1, 2024			
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST. RATLAM, MP.					
Customer Ref. No & Date	NA					
Part A: SAMPLE PARTICULARS						
Sample Name	Work Place Air Monitoring					
Sample Collection Date	24/05/2024	Sample Receipt Date	28/05/2024			
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024			
Part B: SAMPLING DETAILS						
Sample Collection	Collected By us					
Sampling Location	Q C Lab-API					
Sampling Procedure	PID Based Gas Detector					
Sampling Instrument	ION Science (PID GAS DETECTOR)					
Sampling duration	NA					
Any Other Information	NA					
Part C: TEST RESULTS						
Sr. No.	Test Parameters	SPOT	Unit	Results	Test Method	Specification/ Limits
1.	TVOC as Isobutylene	Particle Size Room	ppm	3.6	PID Based Gas Detector	10
Part D: REMARKS: ---						
Part E: ABBREVIATIONS: NA-Not Applicable.						

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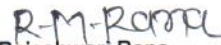
Registered & Head Office :

1st Floor, Bhanujyot Complex, Plot No.C5/27,
B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2425542, 2420995, 2424901
e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240524065	Issue Date	June 1, 2024			
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST. RATLAM, MP.					
Customer Ref. No & Date	NA					
Part A: SAMPLE PARTICULARS						
Sample Name	Work Place Air Monitoring					
Sample Collection Date	24/05/2024	Sample Receipt Date	28/05/2024			
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024			
Part B: SAMPLING DETAILS						
Sample Collection	Collected By us					
Sampling Location	Q C Lab-API					
Sampling Procedure	PID Based Gas Detector					
Sampling Instrument	ION Science (PID GAS DETECTOR)					
Sampling duration	NA					
Any Other Information	NA					
Part C: TEST RESULTS						
Sr. No.	Test Parameters	SPOT	Unit	Results	Test Method	Specification/ Limits
1.	TVOC as Isobutylene	Chemical Hall	ppm	3.2	PID Based Gas Detector	10
Part D: REMARKS: ---						
Part E: ABBREVIATIONS: NA-Not Applicable.						

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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240524064	Issue Date	June 1, 2024			
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST. RATLAM, MP.					
Customer Ref. No & Date	NA					
Part A: SAMPLE PARTICULARS						
Sample Name	Work Place Air Monitoring					
Sample Collection Date	24/05/2024	Sample Receipt Date	28/05/2024			
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024			
Part B: SAMPLING DETAILS						
Sample Collection	Collected By us					
Sampling Location	Q C Lab-Pharma					
Sampling Procedure	PID Based Gas Detector					
Sampling Instrument	ION Science (PID GAS DETECTOR)					
Sampling duration	NA					
Any Other Information	NA					
Part C: TEST RESULTS						
Sr. No.	Test Parameters	SPOT	Unit	Results	Test Method	Specification/ Limits
1.	TVOC as Isobutylene	G C Room	ppm	6.5	PID Based Gas Detector	10
Part D: REMARKS: ---						
Part E: ABBREVIATIONS: NA-Not Applicable.						

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Prashant Bhidkar
Prashant Bhidkar
Authorised Signatory (Chemical)

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Registered & Head Office :

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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240524063	Issue Date	June 1, 2024			
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST. RATLAM, MP.					
Customer Ref. No & Date	NA					
Part A: SAMPLE PARTICULARS						
Sample Name	Work Place Air Monitoring					
Sample Collection Date	24/05/2024	Sample Receipt Date	28/05/2024			
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024			
Part B: SAMPLING DETAILS						
Sample Collection	Collected By us					
Sampling Location	Q C Lab-Pharma					
Sampling Procedure	PID Based Gas Detector					
Sampling Instrument	ION Science (PID GAS DETECTOR)					
Sampling duration	NA					
Any Other Information	NA					
Part C: TEST RESULTS						
Sr. No.	Test Parameters	SPOT	Unit	Results	Test Method	Specification/ Limits
1.	TVOC as Isobutylene	Chemical Hall	ppm	6.7	PID Based Gas Detector	10
Part D: REMARKS: ---						
Part E: ABBREVIATIONS: NA-Not Applicable.						

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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240524075	Issue Date	June 1, 2024			
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST. RATLAM, MP.					
Customer Ref. No & Date	NA					
Part A: SAMPLE PARTICULARS						
Sample Name	Work Place Air Monitoring					
Sample Collection Date	24/05/2024	Sample Receipt Date	28/05/2024			
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024			
Part B: SAMPLING DETAILS						
Sample Collection	Collected By us					
Sampling Location	B. D Store					
Sampling Procedure	PID Based Gas Detector					
Sampling Instrument	ION Science (PID GAS DETECTOR)					
Sampling duration	NA					
Any Other Information	NA					
Part C: TEST RESULTS						
Sr. No.	Test Parameters	SPOT	Unit	Results	Test Method	Specification/ Limits
1.	TVOC as Isobutylene	Acidic Area	ppm	7.8	PID Based Gas Detector	10
Part D: REMARKS: ---						
Part E: ABBREVIATIONS: NA-Not Applicable.						

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Verified by

[Signature]
Prashant Bhidkar
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***** End of Report *****

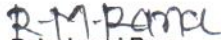
Registered & Head Office :

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B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2425542, 2420995, 2424901
e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240524074	Issue Date	June 1, 2024			
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST. RATLAM, MP.					
Customer Ref. No & Date	NA					
Part A: SAMPLE PARTICULARS						
Sample Name	Work Place Air Monitoring					
Sample Collection Date	24/05/2024	Sample Receipt Date	28/05/2024			
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024			
Part B: SAMPLING DETAILS						
Sample Collection	Collected By us					
Sampling Location	B. D Store					
Sampling Procedure	PID Based Gas Detector					
Sampling Instrument	ION Science (PID GAS DETECTOR)					
Sampling duration	NA					
Any Other Information	NA					
Part C: TEST RESULTS						
Sr. No.	Test Parameters	SPOT	Unit	Results	Test Method	Specification/ Limits
1.	TVOC as Isobutylene	Liquid Area	ppm	3.4	PID Based Gas Detector	10
Part D: REMARKS: ---						
Part E: ABBREVIATIONS: NA-Not Applicable.						

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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240525049	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NM				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	25/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	Environment Lab				
Sampling Procedure	PID Based Gas Detector				
Sampling Instrument	ION Science (PID GAS DETECTOR)				
Name Of Activity	NA				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	TVOC as Isobutylene	ppm	2.1	PID Based Gas Detector	10
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

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C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240525048	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NM				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	25/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	MEE Plant				
Sampling Procedure	PID Based Gas Detector				
Sampling Instrument	ION Science (PID GAS DETECTOR)				
Name Of Activity	High COD Tank				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	TVOC as Isobutylene	ppm	2.4	PID Based Gas Detector	10
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

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C I N : U85195GJ2013PTC075258



TC-5049

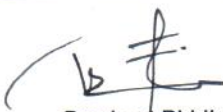


TEST REPORT

Test Report No.	PL/WA/20240527040	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	27/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	28/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-XXII (Powder Processing Area)				
Sampling Procedure	NIOSH				
Sampling Instrument	Handy Sampler With Cyclone				
Name Of Product	Meslamine	Batch No.	24020MZ4R11		
Name Of Activity	Milling				
Sampling duration	1 hr.				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Respirable Particulate Matter	$\mu\text{g}/\text{m}^3$	168	NIOSH 0600	5000
2.	Total Particulate Matter	$\mu\text{g}/\text{m}^3$	189	NIOSH 0500	15000
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

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Rajeshwari Rana
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Registered & Head Office :

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TC-5049




TEST REPORT

Test Report No.	PL/WA/20240526001	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	26/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	28/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-XX				
Sampling Procedure	NIOSH				
Sampling Instrument	Handy Sampler With Cyclone				
Name Of Product	Cetirizine Di HCl	Batch No.	24003C26RII		
Name Of Activity	SR-20 Batch Charging				
Sampling duration	1 hr.				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Respirable Particulate Matter	$\mu\text{g}/\text{m}^3$	119	NIOSH 0600	5000
2.	Total Particulate Matter	$\mu\text{g}/\text{m}^3$	137	NIOSH 0500	15000
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

Note: This report is subjected to the terms and conditions mentioned overleaf

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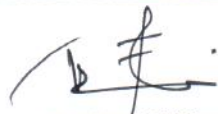


TEST REPORT

Test Report No.	PL/WA/20240525047	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	25/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	28/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-XII				
Sampling Procedure	NIOSH				
Sampling Instrument	Handy Sampler With Cyclone				
Name Of Product	Artemether	Batch No.	24049AR14RII		
Name Of Activity	Centrifuge Unloading				
Sampling duration	1 hr.				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Respirable Particulate Matter	$\mu\text{g}/\text{m}^3$	139	NIOSH 0600	5000
2.	Total Particulate Matter	$\mu\text{g}/\text{m}^3$	163	NIOSH 0500	15000
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

Note: This report is subjected to the terms and conditions mentioned overleaf

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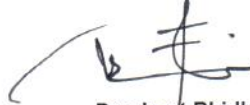


TEST REPORT

Test Report No.	PL/WA/20240525045	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	25/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	28/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-IX (Powder Processing Area)				
Sampling Procedure	NIOSH				
Sampling Instrument	Handy Sampler With Cyclone				
Name Of Product	Methyl Phenidate Hydrochlorine	Batch No.	24025MYARII		
Name Of Activity	Milling & Shifting				
Sampling duration	1 hr.				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Respirable Particulate Matter	$\mu\text{g}/\text{m}^3$	133	NIOSH 0600	5000
2.	Total Particulate Matter	$\mu\text{g}/\text{m}^3$	157	NIOSH 0500	15000
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

Note: This report is subjected to the terms and conditions mentioned overleaf

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TEST REPORT

Test Report No.	PL/WA/20240525043	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	25/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	28/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-XVII (Powder Processing Area)				
Sampling Procedure	NIOSH				
Sampling Instrument	Handy Sampler With Cyclone				
Name Of Product	Valsartan	Batch No.	24040VA63I		
Name Of Activity	Milling				
Sampling duration	1 hr.				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Respirable Particulate Matter	$\mu\text{g}/\text{m}^3$	132	NIOSH 0600	5000
2.	Total Particulate Matter	$\mu\text{g}/\text{m}^3$	147	NIOSH 0500	15000
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

Note: This report is subjected to the terms and conditions mentioned overleaf

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TEST REPORT

Test Report No.	PL/WA/20240524060	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	24/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	28/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-XVII (Powder Processing Area-02)				
Sampling Procedure	NIOSH				
Sampling Instrument	Handy Sampler With Cyclone				
Name Of Product	Losartan Potassium	Batch No.	24033LB5JRI		
Name Of Activity	Milling				
Sampling duration	1 hr.				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Respirable Particulate Matter	$\mu\text{g}/\text{m}^3$	134	NIOSH 0600	5000
2.	Total Particulate Matter	$\mu\text{g}/\text{m}^3$	156	NIOSH 0500	15000
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

Note: This report is subjected to the terms and conditions mentioned overleaf

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TEST REPORT

Test Report No.	PL/WA/20240525039	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	25/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	28/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-X				
Sampling Procedure	NIOSH				
Sampling Instrument	Handy Sampler With Cyclone				
Name Of Product	Lumefantrine	Batch No.	24118LV3RII		
Name Of Activity	Pin Mill Operation				
Sampling duration	1 hr.				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Respirable Particulate Matter	$\mu\text{g}/\text{m}^3$	109	NIOSH 0600	5000
2.	Total Particulate Matter	$\mu\text{g}/\text{m}^3$	128	NIOSH 0500	15000
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

Note: This report is subjected to the terms and conditions mentioned overleaf

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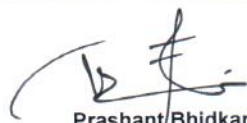


TEST REPORT

Test Report No.	PL/WA/20240525040	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	25/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	28/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	CMA-03 Section-A				
Sampling Procedure	NIOSH				
Sampling Instrument	Handy Sampler With Cyclone				
Name Of Product	Pyrantel Pamoate	Batch No.	24015P3JII		
Name Of Activity	Jet Milling				
Sampling duration	1 hr.				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Respirable Particulate Matter	$\mu\text{g}/\text{m}^3$	121	NIOSH 0600	5000
2.	Total Particulate Matter	$\mu\text{g}/\text{m}^3$	144	NIOSH 0500	15000
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

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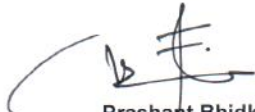


TEST REPORT

Test Report No.	PL/WA/20240525042	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	25/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	28/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-XVII (Powder Processing Area)				
Sampling Procedure	NIOSH				
Sampling Instrument	Handy Sampler With Cyclone				
Name Of Product	Valsartan	Batch No.	23003VA6MIIX		
Name Of Activity	Tray Dryer Unloading				
Sampling duration	1 hr.				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Respirable Particulate Matter	$\mu\text{g}/\text{m}^3$	119	NIOSH 0600	5000
2.	Total Particulate Matter	$\mu\text{g}/\text{m}^3$	137	NIOSH 0500	15000
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

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TEST REPORT

Test Report No.	PL/WA/20240525041	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	25/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	28/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	BD Store Dispensing-III				
Sampling Procedure	NIOSH				
Sampling Instrument	Handy Sampler With Cyclone				
Name Of Product	Lumefantrine	Batch No.	24127LV3RII		
Name Of Activity	RM Dispensing				
Sampling duration	1 hr.				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Respirable Particulate Matter	$\mu\text{g}/\text{m}^3$	93	NIOSH 0600	5000
2.	Total Particulate Matter	$\mu\text{g}/\text{m}^3$	104	NIOSH 0500	15000
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

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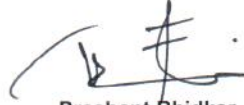


TEST REPORT

Test Report No.	PL/WA/20240524061	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	24/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	28/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-II (Powder Processing Area)				
Sampling Procedure	NIOSH				
Sampling Instrument	Handy Sampler With Cyclone				
Name Of Product	Propranolol Base	Batch No.	24036PR2I		
Name Of Activity	Tray Dryer Unloading				
Sampling duration	1 hr.				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Respirable Particulate Matter	$\mu\text{g}/\text{m}^3$	147	NIOSH 0600	5000
2.	Total Particulate Matter	$\mu\text{g}/\text{m}^3$	176	NIOSH 0500	15000
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

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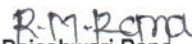
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TEST REPORT

Test Report No.	PL/WA/20240527041	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	27/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	28/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-XIV (Powder Processing Area-A)				
Sampling Procedure	NIOSH				
Sampling Instrument	Handy Sampler With Cyclone				
Name Of Product	Metoclopramide HCL	Batch No.	24002MIRII		
Name Of Activity	Dryer Unloading				
Sampling duration	1 hr.				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Respirable Particulate Matter	$\mu\text{g}/\text{m}^3$	141	NIOSH 0600	5000
2.	Total Particulate Matter	$\mu\text{g}/\text{m}^3$	167	NIOSH 0500	15000
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

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TEST REPORT

Test Report No.	PL/WA/20240525046	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	25/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	28/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-XX (Powder Processing Area-B)				
Sampling Procedure	NIOSH				
Sampling Instrument	Handy Sampler With Cyclone				
Name Of Product	Valsartan	Batch No.	24008VA6ARIIX		
Name Of Activity	Dryer Unloading				
Sampling duration	1 hr.				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Respirable Particulate Matter	$\mu\text{g}/\text{m}^3$	164	NIOSH 0600	5000
2.	Total Particulate Matter	$\mu\text{g}/\text{m}^3$	187	NIOSH 0500	15000
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

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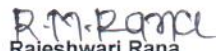
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TEST REPORT

Test Report No.	PL/WA/20240526004	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	26/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	Above Ground Level Solvent Yard				
Sampling Procedure	PID Based Gas Detector				
Sampling Instrument	ION Science (PID GAS DETECTOR)				
Name Of Activity	Tanker Unloading				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Ethyl Acetate	ppm	4	PID Based Gas Detector	400
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

Note: This report is subjected to the terms and conditions mentioned overleaf


Rajeshwari Rana
Verified by


Prashant Bhidkar
Authorised Signatory (Chemical)

***** End of Report *****

Registered & Head Office :

1st Floor, Bhanujyot Complex, Plot No.C5/27,
B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2425542, 2420995, 2424901
e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258



TC-5049




TEST REPORT

Test Report No.	PL/WA/20240524062	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	24/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	28/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-IV				
Sampling Procedure	NIOSH				
Sampling Instrument	Handy Sampler With Cyclone				
Name Of Product	Allopurinol	Batch No.	24022AY3CJII		
Name Of Activity	Centrifuge Unloading				
Sampling duration	1 hr.				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Respirable Particulate Matter	$\mu\text{g}/\text{m}^3$	129	NIOSH 0600	5000
2.	Total Particulate Matter	$\mu\text{g}/\text{m}^3$	141	NIOSH 0500	15000
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

Note: This report is subjected to the terms and conditions mentioned overleaf

R.M.Rana
Rajeshwari Rana
Verified by


Prashant Bhidkar
Authorised Signatory (Chemical)

***** End of Report *****

Registered & Head Office :

1st Floor, Bhanujot Complex, Plot No.C5/27,
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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258



TC-5049




TEST REPORT

Test Report No.	PL/WA/20240525044	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	25/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	28/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-XVI (Powder Processing Area)				
Sampling Procedure	NIOSH				
Sampling Instrument	Handy Sampler With Cyclone				
Name Of Product	Hydrochlorothiazide	Batch No.	24073HCL10RII		
Name Of Activity	Shifting				
Sampling duration	1 hr.				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Respirable Particulate Matter	$\mu\text{g}/\text{m}^3$	138	NIOSH 0600	5000
2.	Total Particulate Matter	$\mu\text{g}/\text{m}^3$	161	NIOSH 0500	15000
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

Note: This report is subjected to the terms and conditions mentioned overleaf

R.M.Pana
Rajeshwari Rana
Verified by


Prashant Bhidkar
Authorised Signatory (Chemical)

***** End of Report *****

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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258




TC-5049




TEST REPORT

Test Report No.	PL/WA/20240526002	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NA				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	26/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	28/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-XX (Powder Processing Area-A)				
Sampling Procedure	NIOSH				
Sampling Instrument	Handy Sampler With Cyclone				
Name Of Product	Quetiapine Fumarate	Batch No.	24035QTURII		
Name Of Activity	Milling				
Sampling duration	1 hr.				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Respirable Particulate Matter	$\mu\text{g}/\text{m}^3$	153	NIOSH 0600	5000
2.	Total Particulate Matter	$\mu\text{g}/\text{m}^3$	174	NIOSH 0500	15000
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

Note: This report is subjected to the terms and conditions mentioned overleaf


Rajeshwari Rana
Verified by


Prashant Bhidkar
Authorised Signatory (Chemical)

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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240524071	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NM				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	24/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-IV				
Sampling Procedure	PID Based Gas Detector				
Sampling Instrument	ION Science (PID GAS DETECTOR)				
Name Of Product	NA	Batch No.	NA		
Name Of Activity	Centrifuge Unloading				
Sampling duration	NM				
Any Other Information	NM				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Formamide	ppm	2.3	PID Based Gas Detector	10
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NM-Not Mentioned.					

Note: This report is subjected to the terms and conditions mentioned overleaf

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Rajeshwari Rana
Verified by

Prashant Bhidkar
Prashant Bhidkar
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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST REPORT

Test Report No.	PL/WA/20240524067	Issue Date	June 1, 2024		
Customer Name & Address	IPCA LABORATORIES LIMITED, P.B.NO. 33, Po. SEJAVTA, DIST .RATLAM, MP.				
Customer Ref. No & Date	NM				
Part A: SAMPLE PARTICULARS					
Sample Name	Work Place Air Monitoring				
Sample Collection Date	24/05/2024	Sample Receipt Date	28/05/2024		
Analysis Start Date	29/05/2024	Analysis Completion Date	29/05/2024		
Part B: SAMPLING DETAILS					
Sample Collection	Collected By us				
Sampling Location	IBD-II/STD-01/02				
Sampling Procedure	PID Based Gas Detector				
Sampling Instrument	ION Science (PID GAS DETECTOR)				
Name Of Product	NA	Batch No.	NA		
Name Of Activity	Tray Dryer Unloading				
Sampling duration	NA				
Any Other Information	NA				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Test Method	Specification/ Limits
1.	Toluene	ppm	64	PID Based Gas Detector	100
Part D: REMARKS: ---					
Part E: ABBREVIATIONS: NA-Not Applicable.					

Note: This report is subjected to the terms and conditions mentioned overleaf

R.M. Rana
Rajeshwari Rana
Verified by

Prashant Bhidkar
Prashant Bhidkar
Authorised Signatory (Chemical)

***** End of Report *****

Registered & Head Office :

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B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2425542, 2420995, 2424901
e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258



Azis Labs

▶ **Works** : Plot No. M-43, Sector-3, Pithampur 454775, Dist. Dhar, (M.P.) India
 ▶ **City Office** : 3/26, Vijay Nagar, Opp. Sayaji Hotel, Indore (M.P.) India, **Tel. No.:** 0731-4068173
 ▶ **Lab Contact No.** : 96698 89316, 98270 08819, 7089333892, 7292299431, 7292299432
 ▶ **Email** : info@azislabs.com, j.dingwani@azislabs.com, **Visit** : www.azislabs.in

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

Test Report

Format No. : AL/FM/51D

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)
Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : AIR-2018/2024 - 2025

Booking Date : 24/05/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 31/05/2024

Sample Name : Stack Air Monitoring - Incinerator Stack

Sampling Date&Time : 22/05/2024 14:05	Stack Attached To : Incinerator	Flue gas Velocity : 6.78 m/sec
Sampling Duration : 30 min.	Location : Incinerator	Flue gas Temperature : 82°C
Sampling By : Azis Labs	Ambient Temp. : 38°C	Diameter : 0.78 meter
Wind Direction : From West	Humidity : 23%	Analysis Start Date : 25/05/2024
Stack Height : 30 meter	Fuel : Diesel	Analysis End Date : 31/05/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
1.	Particulate Matter (PM)	mg/Nm3	31.85	Max. 50	IS: 11255 (Part-1) 1985 RA 2003
2.	Sulphur Dioxide (SO ₂)	mg/Nm3	23.72	-----	IS: 11255 (Part-2) 1985
3.	Oxides of Nitrogen (NO ₂)	mg/Nm3	61.19	Max. 300	IS: 11255 (Part-7) 2005 RA 2003
4.	Carbon Monoxide(CO)	mg/Nm3	19.34	Max 150	IS: 13270-1992
5.	HCL	mg/Nm3	13.79	Max 50	Guideline Based on CPCB
6.	VOC in Ash	mg/Nm3	9.23	Max 20	Guideline Based on CPCB
7.	TOC	mg/Nm3	14.57	Max 20	Guideline Based on CPCB
8.	HF	mg/Nm3	0.91	-----	Guideline Based on CPCB
9.	Dioxin & Furans	ngTEQ/N m3	0.09	Max 0.1	Guideline Based on CPCB
10.	Cadmium as Cd	mg/Nm3	Below Detection Limit	Max 1.5	Guideline Based on CPCB
11.	Thorine as Th	mg/Nm3	Below Detection Limit	Max 1.5	Guideline Based on CPCB
12.	Mercury as Hg	mg/Nm3	Below Detection Limit	Max 1.5	Guideline Based on CPCB
13.	Antimony as Sb	mg/Nm3	Below Detection Limit	Max 1.5	Guideline Based on CPCB

Remarks :

Note :

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4. Specification as per MoEF&CC, CPCB, MPPCB.
5. MOEF Recognized environment Laboratory valid up to 05/06/2025(LB/99/7/2021).
6. NABL Accredited Lab (ISO /IEC 17025 : 2017) Valid until 05/06/2025.

Checked by

Person In-charge Testing

- ▶ *Industrial & Environmental Pollution, *Water & Effluent Water Testing, Drugs & Pharmaceutical, Biological/Microbiological Testing Services.
- ▶ *Food & Agriculture Products Testing, *Method Development & Validation (Pharma, Food & Environment).
- ▶ *API Product (Process Development & Research), GMP/GLP Solution for Pharma / Food Industry



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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

Test Report

Format No. : AL/FM/51D

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)
Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : AIR-2018/2024 - 2025

Booking Date : 24/05/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 31/05/2024

Sample Name : Stack Air Monitoring - Incinerator Stack

Sampling Date&Time : 22/05/2024 14:05

Stack Attached To : Incinerator

Flue gas Velocity : 6.78 m/sec

Sampling Duration : 30 min.

Location : Incinerator

Flue gas Temperature : 82°C

Sampling By : Azis Labs

Ambient Temp. : 38°C

Diameter : 0.78 meter

Wind Direction : From West

Humidity : 23%

Analysis Start Date : 25/05/2024

Stack Height : 30 meter

Fuel : Diesel

Analysis End Date : 31/05/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
14.	Arsenic as As	mg/Nm3	Below Detection Limit	Max 1.5	Guideline Based on CPCB
15.	Lead as Pb	mg/Nm3	0.42	Max 1.5	Guideline Based on CPCB
16.	Copper as Cu	mg/Nm3	0.04	Max 1.5	Guideline Based on CPCB
17.	Manganese as Mg	mg/Nm3	0.24	Max 1.5	Guideline Based on CPCB
18.	Nickel as Ni	mg/Nm3	0.13	Max 1.5	Guideline Based on CPCB
19.	Validium as V	mg/Nm3	Below Detection Limit	Max 1.5	Guideline Based on CPCB
20.	Cobalt as Co	mg/Nm3	Below Detection Limit	Max 1.5	Guideline Based on CPCB
			End of Report		

Remarks :

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[Signature]

Checked by

[Signature]

Person In-charge Testing

- *Industrial & Environmental Pollution, *Water & Effluent Water Testing, Drugs & Pharmaceutical, Biological/Microbiological Testing Services.
- * Food & Agriculture Products Testing, *Method Development & Validation (Pharma, Food & Environment).
- *API Product (Process Development & Research), GMP/GLP Solution for Pharma / Food Industry



AzisLabs

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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

Test Report

Format No. : AL/FM/51D

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)
Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : AIR-5128/2024 - 2025
 Booking Date : 14/08/2024
 TRF Ref. No. : NA
 TRF Date : NA
 MFG. LIC. NO. : NA
 Issue Date : 22/08/2024


Sample Name : Stack Air Monitoring	Stack Attached To : Incinerator (2 TPD)	Flue gas Velocity : 6.14 m/sec
Sampling Date&Time : 12/08/2024 09:30	Location : Incinerator (2 TPD)	Flue gas Temperature : 79°C
Sampling Duration : 24 hrs.	Ambient Temp. : 26°C	Diameter : 0.78 meter
Sampling By : Azis Labs	Humidity : 84%	Analysis Start Date : 16/08/2024
Wind Direction : From South West	Fuel : H.S.D.	Analysis End Date : 22/08/2024
Stack Height : 30 meter		

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
1.	Particulate Matter (PM)	mg/Nm ³	29.21	Max. 50	IS: 11255 (Part-1) 1985 RA 2003
2.	Sulphur Dioxide (SO ₂)	mg/Nm ³	18.58	Max. 600	IS: 11255 (Part-2) 1985
3.	Oxides of Nitrogen (NO ₂)	mg/Nm ³	54.59	Max. 300	IS: 11255 (Part-7) 2005 RA 2003
4.	Carbon Monoxide(CO)	mg/Nm ³	23.88	Max 150	IS: 13270-1992
5.	HCL	mg/Nm ³	12.18	Max 50	Guideline Based on CPCB
6.	VOC in Ash	mg/Nm ³	8.53	Max 20	Guideline Based on CPCB
7.	TOC	mg/Nm ³	16.29	Max 20	Guideline Based on CPCB
8.	HF	mg/Nm ³	0.83	-----	Guideline Based on CPCB
9.	Dioxin & Furans	ngTEQ/N m ³	0.07	Max 0.1	Guideline Based on CPCB
10.	Cadmium as Cd	mg/Nm ³	Below Detection Limit	Max 1.5	Guideline Based on CPCB
11.	Thorine as Th	mg/Nm ³	Below Detection Limit	Max 1.5	Guideline Based on CPCB
12.	Mercury as Hg	mg/Nm ³	Below Detection Limit	Max 1.5	Guideline Based on CPCB
13.	Antimony as Sb	mg/Nm ³	Below Detection Limit	Max 1.5	Guideline Based on CPCB

Remarks :

Note :

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- *API Product (Process Development & Research), GMP/GLP Solution for Pharma / Food Industry



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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

Test Report

Format No. : AL/FM/51D

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)
Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : AIR-5128/2024 - 2025

Booking Date : 14/08/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 22/08/2024

Sample Name : Stack Air Monitoring

Sampling Date&Time : 12/08/2024 09:30

Sampling Duration : 24 hrs.

Sampling By : Azis Labs

Wind Direction : From South West

Stack Height : 30 meter

Stack Attached To : Incinerator (2 TPD)

Location : Incinerator (2 TPD)

Ambient Temp. : 26°C

Humidity : 84%

Fuel : H.S.D.

Flue gas Velocity : 6.14 m/sec

Flue gas Temperature : 79°C

Diameter : 0.78 meter

Analysis Start Date : 16/08/2024

Analysis End Date : 22/08/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
14.	Arsenic as As	mg/Nm ³	Below Detection Limit	Max 1.5	Guideline Based on CPCB
15.	Lead as Pb	mg/Nm ³	0.39	Max 1.5	Guideline Based on CPCB
16.	Copper as Cu	mg/Nm ³	0.06	Max 1.5	Guideline Based on CPCB
17.	Manganese as Mg	mg/Nm ³	0.18	Max 1.5	Guideline Based on CPCB
18.	Nickel as Ni	mg/Nm ³	0.13	Max 1.5	Guideline Based on CPCB
19.	Validium as V	mg/Nm ³	Below Detection Limit	Max 1.5	Guideline Based on CPCB
20.	Cobalt as Co	mg/Nm ³	Below Detection Limit ***End of Report***	Max 1.5	Guideline Based on CPCB

Remarks :

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Checked by

Person in-charge Testing

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- *Food & Agriculture Products Testing, *Method Development & Validation (Pharma, Food & Environment).
- *API Product (Process Development & Research), GMP/GLP Solution for Pharma / Food Industry



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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

Test Report

Format No. : AL/FM/51A

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)
Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : WAT-6542/2024 - 2025

Booking Date : 23/09/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 01/10/2024

Sample Name : RO Outlet Water

Batch No. : NA

Batch Size : NA

Mfg. Name : NA

Sampling By. : Azis Labs

Sample Quantity : 1 x 10 ltr approx

Date of Mfg. : NA

Date of Expiry : NA

Sampling Date&Time : 21/09/2024 14:25

Packing : Plastic Bottle

Packing Type : Unsealed

Analysis Start Date : 24/09/2024

Analysis End Date : 01/10/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
1.	pH	----	6.71	6.5-8.5	IS : 3025 (Part-11) 1983 RA 2006
2.	Total Dissolve Solids	mg/l	140	Max.2100	IS : 3025 (Part-16) 1984 RA 2006
3.	Total Suspended Solids	mg/l	Nil	Max.100	IS : 3025 (Part-17) 1984 RA 2006
4.	Chemical Oxygen Demand	mg/l	20.44	Max.250	APHA 5220 B (23rd Edition) 2017
5.	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	6	Max.30	IS : 3025 (Part-44) 1993
6.	Oil & Grease	mg/l	Nil	Max.10	APHA 5220 B (23rd Edition) 2017
7.	Chloride	mg/l	39.49	Max.1000	IS : 3025 (Part-32) 1988 RA 2000
8.	Benzene	mg/l	Not Detected	Max. 0.1	APHA 5220 B (23rd Edition) 2017
9.	Xylene	mg/l	Not Detected	Max. 0.12	APHA 5220 B (23rd Edition) 2017
10.	Methylene Chloride	mg/l	Not Detected	Max. 0.9	APHA 5220 B (23rd Edition) 2017

Remarks :

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 ▶ **Lab Contact No.:** 96698 89316, 98270 08819, 7089333892, 7292299431, 7292299432
 ▶ **Email:** info@azislabs.com, j.dingwani@azislabs.com, **Visit:** www.azislabs.in

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

Test Report

Format No. : AL/FM/51A

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)
Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : WAT-6542/2024 - 2025

Booking Date : 23/09/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 01/10/2024

Sample Name : RO Outlet Water

Batch No. : NA

Batch Size : NA

Mfg. Name : NA

Sampling By. : Azis Labs

Sample Quantity : 1 x 10 ltr approx

Date of Mfg. : NA

Date of Expiry : NA

Sampling Date&Time : 21/09/2024 14:25

Packing : Plastic Bottle

Packing Type : Unsealed

Analysis Start Date : 24/09/2024

Analysis End Date : 01/10/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
11.	Chlorobenzene	mg/l	Not Detected	Max. 0.2	APHA 5220 B (23rd Edition) 2017
12.	Phosphates	mg/l	Not Detected	Max. 5.0	APHA 5220 B (23rd Edition) 2017
13.	Sulphide	mg/l	Nil	Max. 2.0	IS : 3025 (Part-29) 1986
14.	Phenolic Compound	mg/l	Not Detected	Max. 1.0	IS : 3025 (Part-43) 1992
15.	Zinc	mg/l	Not Detected	Max. 5.0	IS : 3025 (Part-49) 1994
16.	Copper	mg/l	Not Detected	Max. 3.0	IS : 3025 (Part-42) 1992
17.	Total Chromium	mg/l	Not Detected	Max. 2.0	IS : 3025 (Part-52) 2003
18.	Hexavalent Chromium	mg/l	Not Detected	Max. 0.1	IS : 3025 (Part-52) 2003
19.	Cyanide	mg/l	Not Detected	Max. 0.1	IS : 3025 (Part-27) 1986
20.	Arsenic	mg/l	Not Detected	Max. 0.2	IS : 3025 (Part-37) 1988
21.	Mercury	mg/l	Not Detected	Max. 0.01	IS : 3025 (Part-48) 1994
22.	Lead	mg/l	Not Detected	Max. 0.1	IS : 3025 (Part-47) 1994
23.	Bio Assay Test	%	100% Survival of fish after first 96 hours. In 100% Ro outlet water	90 % Survival of fish after first 96 hours in 100% effluent	IS : 6582 - 2003
			End of Report		

Remarks :

Note :

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Test Report

Format No. : AL/FM/51A

Report Issued to
 IPCA LABORATORIES LIMITED, (RATLAM)
 Sejavta Ratlam

A.R No. : WAT-5153/2024 - 2025
 Booking Date : 14/08/2024
 TRF Ref. No. : NA
 TRF Date : NA
 MFG. LIC. NO. : NA
 Issue Date : 30/08/2024

RATLAM (M.P.) - 457002 MADHYA PRADESH

Sample Name : RO Outlet Water

Batch No. : NA

Sample Quantity : 1 x 1 Ltr. approx

Packing : Plastic Bottle

Batch Size : NA

Date of Mfg. : NA

Packing Type : Unsealed

Mfg. Name : NA

Date of Expiry : NA

Analysis Start Date : 16/08/2024

Sampling By. : Azis Labs

Sampling Date&Time : 14/08/2024 12:40

Analysis End Date : 30/08/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
1.	pH	----	6.62	6.5-8.5	IS : 3025 (Part-11) 1983 RA 2006
2.	Total Dissolve Solids	mg/l	142	Max.2100	IS : 3025 (Part-16) 1984 RA 2006
3.	Total Suspended Solids	mg/l	Nil	Max.100	IS : 3025 (Part-17) 1984 RA 2006
4.	Chemical Oxygen Demand	mg/l	23.47	Max.250	APHA 5220 B (23rd Edition) 2017
5.	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	7	Max.30	IS : 3025 (Part-44) 1993
6.	Oil & Grease	mg/l	Nil	Max.10	APHA 5220 B (23rd Edition) 2017
7.	Chloride	mg/l	41.69	Max.1000	IS : 3025 (Part-32) 1988 RA 2000
8.	Benzene	mg/l	Not Detected	Max. 0.1	APHA 5220 B (23rd Edition) 2017
9.	Xylene	mg/l	Not Detected	Max. 0.12	APHA 5220 B (23rd Edition) 2017
10.	Methylene Chloride	mg/l	Not Detected	Max. 0.9	APHA 5220 B (23rd Edition) 2017

Remarks :

Note :

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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

Test Report

Format No. : AL/FM/51A

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)

Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : WAT-5153/2024 - 2025

Booking Date : 14/08/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 30/08/2024

Sample Name : RO Outlet Water

Batch No. : NA

Batch Size : NA

Mfg. Name : NA

Sampling By. : Azis Labs

Sample Quantity : 1 x 1 Ltr. approx

Date of Mfg. : NA

Date of Expiry : NA

Sampling Date&Time : 14/08/2024 12:40

Packing : Plastic Bottle

Packing Type : Unsealed

Analysis Start Date : 16/08/2024

Analysis End Date : 30/08/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
11.	Chlorobenzene	mg/l	Not Detected	Max. 0.2	APHA 5220 B (23rd Edition) 2017
12.	Phosphates	mg/l	Not Detected	Max. 5.0	APHA 5220 B (23rd Edition) 2017
13.	Sulphide	mg/l	Nil	Max. 2.0	IS : 3025 (Part-29) 1986
14.	Phenolic Compound	mg/l	Not Detected	Max. 1.0	IS : 3025 (Part-43) 1992
15.	Zinc	mg/l	Not Detected	Max. 5.0	IS : 3025 (Part-49) 1994
16.	Copper	mg/l	Not Detected	Max. 3.0	IS : 3025 (Part-42) 1992
17.	Total Chromium	mg/l	Not Detected	Max. 2.0	IS : 3025 (Part-52) 2003
18.	Hexavalent Chromium	mg/l	Not Detected	Max. 0.1	IS : 3025 (Part-52) 2003
19.	Cyanide	mg/l	Not Detected	Max. 0.1	IS : 3025 (Part-27) 1986
20.	Arsenic	mg/l	Not Detected	Max. 0.2	IS : 3025 (Part-37) 1988
21.	Mercury	mg/l	Not Detected	Max. 0.01	IS : 3025 (Part-48) 1994
22.	Lead	mg/l	Not Detected	Max. 0.1	IS : 3025 (Part-47) 1994
23.	Bio Assay Test	%	100 % Survival of fish after first 96 hours in 100% Ro Outlet Water ***End of Report***	90 % Survival of fish after first 96 hours in 100% effluent	IS : 6582 - 2003

Remarks :

Note :

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Test Report

Format No. : AL/FM/51A

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)
Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : WAT-3722/2024 - 2025

Booking Date : 10/07/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 20/07/2024

Sample Name : RO Outlet Water

Batch No. : NA

Sample Quantity : 1 x 10 ltr. approx

Packing : Plastic Bottle

Batch Size : NA

Date of Mfg. : NA

Packing Type : Unsealed

Mfg. Name : NA

Date of Expiry : NA

Analysis Start Date : 11/07/2024

Sampling By. : Azis Labs

Sampling Date&Time : 10/07/2024 13:20

Analysis End Date : 20/07/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
1.	pH	----	6.57	6.5-8.5	IS : 3025 (Part-11) 1983 RA 2006
2.	Total Dissolve Solids	mg/l	154	Max.2100	IS : 3025 (Part-16) 1984 RA 2006
3.	Total Suspended Solids	mg/l	Nil	Max.100	IS : 3025 (Part-17) 1984 RA 2006
4.	Chemical Oxygen Demand	mg/l	20.06	Max.250	APHA 5220 B (23rd Edition) 2017
5.	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	6	Max.30	IS : 3025 (Part-44) 1993
6.	Oil & Grease	mg/l	Nil	Max.10	APHA 5220 B (23rd Edition) 2017
7.	Chloride	mg/l	72.40	Max.1000	IS : 3025 (Part-32) 1988 RA 2000
8.	Benzene	mg/l	Not Detected	Max. 0.1	APHA 5220 B (23rd Edition) 2017
9.	Xylene	mg/l	Not Detected	Max. 0.12	APHA 5220 B (23rd Edition) 2017
10.	Methylene Chloride	mg/l	Not Detected	Max. 0.9	APHA 5220 B (23rd Edition) 2017

Remarks :

Note :

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Test Report

Format No. : AL/FM/51A

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)

Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : WAT-3722/2024 - 2025

Booking Date : 10/07/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 20/07/2024

Sample Name : RO Outlet Water

Batch No. : NA

Sample Quantity : 1 x 10 ltr. approx

Packing : Plastic Bottle

Batch Size : NA

Date of Mfg. : NA

Packing Type : Unsealed

Mfg. Name : NA

Date of Expiry : NA

Analysis Start Date : 11/07/2024

Sampling By. : Azis Labs

Sampling Date&Time : 10/07/2024 13:20

Analysis End Date : 20/07/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
11.	Chlorobenzene	mg/l	Not Detected	Max. 0.2	APHA 5220 B (23rd Edition) 2017
12.	Phosphates	mg/l	Not Detected	Max. 5.0	APHA 5220 B (23rd Edition) 2017
13.	Sulphide	mg/l	Nil	Max. 2.0	IS : 3025 (Part-29) 1986
14.	Phenolic Compound	mg/l	Not Detected	Max. 1.0	IS : 3025 (Part-43) 1992
15.	Zinc	mg/l	Not Detected	Max. 5.0	IS : 3025 (Part-49) 1994
16.	Copper	mg/l	Not Detected	Max. 3.0	IS : 3025 (Part-42) 1992
17.	Total Chromium	mg/l	Not Detected	Max. 2.0	IS : 3025 (Part-52) 2003
18.	Hexavalent Chromium	mg/l	Not Detected	Max. 0.1	IS : 3025 (Part-52) 2003
19.	Cyanide	mg/l	Not Detected	Max. 0.1	IS : 3025 (Part-27) 1986
20.	Arsenic	mg/l	Not Detected	Max. 0.2	IS : 3025 (Part-37) 1988
21.	Mercury	mg/l	Not Detected	Max. 0.01	IS : 3025 (Part-48) 1994
22.	Lead	mg/l	Not Detected	Max. 0.1	IS : 3025 (Part-47) 1994
23.	Bio Assay Test	%	100 % Survival of fish after first 96 hours in 100% Ro Outlet Water ***End of Report***	90 % Survival of fish after first 96 hours in 100% effluent	IS : 6582 - 2003

Remarks :

Note :

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Test Report

Format No. : AL/FM/51A

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)

Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : WAT-2911/2024 - 2025

Booking Date : 20/06/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 29/06/2024

Sample Name : RO Outlet Water

Batch No. : NA

Sample Quantity : 1 x 10 ltr approx

Packing : Plastic Bottle

Batch Size : NA

Date of Mfg. : NA

Packing Type : Unsealed

Mfg. Name : NA

Date of Expiry : NA

Analysis Start Date : 20/06/2024

Sampling By. : Azis Labs

Sampling Date&Time : 20/06/2024 14:25

Analysis End Date : 29/06/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
1.	pH	----	6.73	6.5-8.5	IS : 3025 (Part-11) 1983 RA 2006
2.	Total Dissolve Solids	mg/l	103	Max.2100	IS : 3025 (Part-16) 1984 RA 2006
3.	Total Suspended Solids	mg/l	Nil	Max.100	IS : 3025 (Part-17) 1984 RA 2006
4.	Chemical Oxygen Demand	mg/l	15.78	Max.250	APHA 5220 B (23rd Edition) 2017
5.	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	5	Max.30	IS : 3025 (Part-44) 1993
6.	Oil & Grease	mg/l	Nil	Max.10	APHA 5220 B (23rd Edition) 2017
7.	Chloride	mg/l	64.52	Max.1000	IS : 3025 (Part-32) 1988 RA 2000
8.	Benzene	mg/l	Not Detected	Max. 0.1	APHA 5220 B (23rd Edition) 2017
9.	Xylene	mg/l	Not Detected	Max. 0.12	APHA 5220 B (23rd Edition) 2017
10.	Methylene Chloride	mg/l	Not Detected	Max. 0.9	APHA 5220 B (23rd Edition) 2017

Remarks :

Note :

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Test Report

Format No. : AL/FM/51A

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)

Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : WAT-2911/2024 - 2025

Booking Date : 20/06/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 29/06/2024

Sample Name : RO Outlet Water

Batch No. : NA

Batch Size : NA

Mfg. Name : NA

Sampling By. : Azis Labs

Sample Quantity : 1 x 10 ltr approx

Date of Mfg. : NA

Date of Expiry : NA

Sampling Date&Time : 20/06/2024 14:25

Packing : Plastic Bottle

Packing Type : Unsealed

Analysis Start Date : 20/06/2024

Analysis End Date : 29/06/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
11.	Chlorobenzene	mg/l	Not Detected	Max. 0.2	APHA 5220 B (23rd Edition) 2017
12.	Phosphates	mg/l	Not Detected	Max. 5.0	APHA 5220 B (23rd Edition) 2017
13.	Sulphide	mg/l	Nil	Max. 2.0	IS : 3025 (Part-29) 1986
14.	Phenolic Compound	mg/l	Not Detected	Max. 1.0	IS : 3025 (Part-43) 1992
15.	Zinc	mg/l	Not Detected	Max. 5.0	IS : 3025 (Part-49) 1994
16.	Copper	mg/l	Not Detected	Max. 3.0	IS : 3025 (Part-42) 1992
17.	Total Chromium	mg/l	Not Detected	Max. 2.0	IS : 3025 (Part-52) 2003
18.	Hexavalent Chromium	mg/l	Not Detected	Max. 0.1	IS : 3025 (Part-52) 2003
19.	Cyanide	mg/l	Not Detected	Max. 0.1	IS : 3025 (Part-27) 1986
20.	Arsenic	mg/l	Not Detected	Max. 0.2	IS : 3025 (Part-37) 1988
21.	Mercury	mg/l	Not Detected	Max. 0.01	IS : 3025 (Part-48) 1994
22.	Lead	mg/l	Not Detected	Max. 0.1	IS : 3025 (Part-47) 1994
23.	Bio Assay Test	%	100 % Survival of fish after first 96 hours in 100% RO Outlet Water	90 % Survival of fish after first 96 hours in 100% effluent	IS : 6582 - 2003
End of Report					

Remarks :

Note :

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Person In-charge Testing

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 ► **City Office** : 3/26, Vijay Nagar, Opp. Sayaji Hotel, Indore (M.P.) India, **Tel. No.:** 0731-4068173
 ► **Lab Contact No.:** 96698 89316, 98270 08819, 7089333892, 7292299431, 7292299432
 ► **Email:** info@azislabs.com, j.dingwani@azislabs.com, **Visit:** www.azislabs.in

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

Test Report

Format No. : AL/FM/51A

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)
Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : WAT-2044/2024 - 2025

Booking Date : 24/05/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 31/05/2024

Sample Name : RO Outlet Water

Batch No. : NA

Sample Quantity : 1 x 1 Ltr. approx

Packing : Plastic Bottle

Batch Size : NA

Date of Mfg. : NA

Packing Type : Unsealed

Mfg. Name : NA

Date of Expiry : NA

Analysis Start Date : 24/05/2024

Sampling By. : Azis Labs

Sampling Date&Time : 24/05/2024 12:40

Analysis End Date : 31/05/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
1.	pH	----	6.84	6.5-8.5	IS : 3025 (Part-11) 1983 RA 2006
2.	Total Dissolve Solids	mg/l	128	Max.2100	IS : 3025 (Part-16) 1984 RA 2006
3.	Total Suspended Solids	mg/l	Nil	Max.100	IS : 3025 (Part-17) 1984 RA 2006
4.	Chemical Oxygen Demand	mg/l	11.34	Max.250	APHA 5220 B (23rd Edition) 2017
5.	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	6	Max.30	IS : 3025 (Part-44) 1993
6.	Oil & Grease	mg/l	Nil	Max.10	APHA 5220 B (23rd Edition) 2017
7.	Chloride	mg/l	66.50	Max.1000	IS : 3025 (Part-32) 1988 RA 2000
8.	Benzene	mg/l	Not Detected	Max. 0.1	APHA 5220 B (23rd Edition) 2017
9.	Xylene	mg/l	Not Detected	Max. 0.12	APHA 5220 B (23rd Edition) 2017
10.	Methylene Chloride	mg/l	Not Detected	Max. 0.9	APHA 5220 B (23rd Edition) 2017

Remarks :

Note :

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2. The results are related only to the sample tested.
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4. Specification as per MoEF&CC,CPCB,MPPCB.
5. MOEF Recognized environment Laboratory valid up to 05/06/2025(Q.15018/02/2019,-LB/99/7/2021).
6. NABL Accredited Lab (ISO /IEC 17025 : 2017) Valid until 05/06/2025.

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Person In-charge Testing

- *Industrial & Environmental Pollution, *Water & Effluent Water Testing, Drugs & Pharmaceutical, Biological/Microbiological Testing Services.
- *Food & Agriculture Products Testing, *Method Development & Validation (Pharma, Food & Environment).
- *API Product (Process Development & Research), GMP/GLP Solution for Pharma / Food Industry



AzisLabs

▶ **Works:** Plot No. M-43, Sector-3, Pithampur 454775, Dist. Dhar, (M.P.) India
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Test Report

Format No. : AL/FM/51A

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)
Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : WAT-2044/2024 - 2025

Booking Date : 24/05/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 31/05/2024

Sample Name : RO Outlet Water

Batch No. : NA

Sample Quantity : 1 x 1 Ltr. approx

Packing : Plastic Bottle

Batch Size : NA

Date of Mfg. : NA

Packing Type : Unsealed

Mfg. Name : NA

Date of Expiry : NA

Analysis Start Date : 24/05/2024

Sampling By. : Azis Labs

Sampling Date&Time : 24/05/2024 12:40

Analysis End Date : 31/05/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
11.	Chlorobenzene	mg/l	Not Detected	Max. 0.2	APHA 5220 B (23rd Edition) 2017
12.	Phosphates	mg/l	Not Detected	Max. 5.0	APHA 5220 B (23rd Edition) 2017
13.	Sulphide	mg/l	Nil	Max. 2.0	IS : 3025 (Part-29) 1986
14.	Phenolic Compound	mg/l	Not Detected	Max. 1.0	IS : 3025 (Part-43) 1992
15.	Zinc	mg/l	Not Detected	Max. 5.0	IS : 3025 (Part-49) 1994
16.	Copper	mg/l	Not Detected	Max. 3.0	IS : 3025 (Part-42) 1992
17.	Total Chromium	mg/l	Not Detected	Max. 2.0	IS : 3025 (Part-52) 2003
18.	Hexavalent Chromium	mg/l	Not Detected	Max. 0.1	IS : 3025 (Part-52) 2003
19.	Cyanide	mg/l	Not Detected	Max. 0.1	IS : 3025 (Part-27) 1986
20.	Arsenic	mg/l	Not Detected	Max. 0.2	IS : 3025 (Part-37) 1988
21.	Mercury	mg/l	Not Detected	Max. 0.01	IS : 3025 (Part-48) 1994
22.	Lead	mg/l	Not Detected	Max. 0.1	IS : 3025 (Part-47) 1994
23.	Bio Assay Test	%	100 % Survival of fish after first 96 hours in 100% Ro Outlet Water ***End of Report***	90 % Survival of fish after first 96 hours in 100% effluent	IS : 6582 - 2003

Remarks :

Note :

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Person In-charge Testing

- ▶ *Industrial & Environmental Pollution, *Water & Effluent Water Testing, Drugs & Pharmaceutical, Biological/Microbiological Testing Services.
- ▶ *Food & Agriculture Products Testing, *Method Development & Validation (Pharma, Food & Environment).
- ▶ *API Product (Process Development & Research), GMP/GLP Solution for Pharma / Food Industry



AzisLabs

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Test Report

Format No. : AL/FM/51A

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)
Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : WAT-278/2024 - 2025

Booking Date : 11/04/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 22/04/2024

Sample Name : RO Outlet Water

Batch No. : NA

Sample Quantity : 1 x 10 ltr approx

Packing : Plastic Bottle

Batch Size : NA

Date of Mfg. : NA

Packing Type : Unsealed

Mfg. Name : NA

Date of Expiry : NA

Analysis Start Date : 12/04/2024

Sampling By. : Azis Labs

Sampling Date&Time : 11/04/2024 14:25

Analysis End Date : 22/04/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
1.	pH	----	6.78	6.5-8.5	IS : 3025 (Part-11) 1983 RA 2006
2.	Total Dissolve Solids	mg/l	125	Max.2100	IS : 3025 (Part-16) 1984 RA 2006
3.	Total Suspended Solids	mg/l	Nil	Max.100	IS : 3025 (Part-17) 1984 RA 2006
4.	Chemical Oxygen Demand	mg/l	12.38	Max.250	APHA 5220 B (23rd Edition) 2017
5.	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	5	Max.30	IS : 3025 (Part-44) 1993
6.	Oil & Grease	mg/l	Nil	Max.10	APHA 5220 B (23rd Edition) 2017
7.	Chloride	mg/l	65.5	Max.1000	IS : 3025 (Part-32) 1988 RA 2000
8.	Benzene	mg/l	Not Detected	Max. 0.1	APHA 5220 B (23rd Edition) 2017
9.	Xylene	mg/l	Not Detected	Max. 0.12	APHA 5220 B (23rd Edition) 2017
10.	Methylene Chloride	mg/l	Not Detected	Max. 0.9	APHA 5220 B (23rd Edition) 2017

Remarks :

Note :

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Person In-charge Testing

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- ▶ *Food & Agriculture Products Testing, *Method Development & Validation (Pharma, Food & Environment).
- ▶ *API Product (Process Development & Research), GMP/GLP Solution for Pharma / Food Industry



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Test Report

Format No. : AL/FM/51A

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)
Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : WAT-278/2024 - 2025

Booking Date : 11/04/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 22/04/2024

Sample Name : RO Outlet Water

Batch No. : NA

Sample Quantity : 1 x 10 ltr approx

Packing : Plastic Bottle

Batch Size : NA

Date of Mfg. : NA

Packing Type : Unsealed

Mfg. Name : NA

Date of Expiry : NA

Analysis Start Date : 12/04/2024

Sampling By. : Azis Labs

Sampling Date&Time : 11/04/2024 14:25

Analysis End Date : 22/04/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
11.	Chlorobenzene	mg/l	Not Detected	Max. 0.2	APHA 5220 B (23rd Edition) 2017
12.	Phosphates	mg/l	Not Detected	Max. 5.0	APHA 5220 B (23rd Edition) 2017
13.	Sulphide	mg/l	Nil	Max. 2.0	IS : 3025 (Part-29) 1986
14.	Phenolic Compound	mg/l	Not Detected	Max. 1.0	IS : 3025 (Part-43) 1992
15.	Zinc	mg/l	Not Detected	Max. 5.0	IS : 3025 (Part-49) 1994
16.	Copper	mg/l	Not Detected	Max. 3.0	IS : 3025 (Part-42) 1992
17.	Total Chromium	mg/l	Not Detected	Max. 2.0	IS : 3025 (Part-52) 2003
18.	Hexavalent Chromium	mg/l	Not Detected	Max. 0.1	IS : 3025 (Part-52) 2003
19.	Cyanide	mg/l	Not Detected	Max. 0.1	IS : 3025 (Part-27) 1986
20.	Arsenic	mg/l	Not Detected	Max. 0.2	IS : 3025 (Part-37) 1988
21.	Mercury	mg/l	Not Detected	Max. 0.01	IS : 3025 (Part-48) 1994
22.	Lead	mg/l	Not Detected	Max. 0.1	IS : 3025 (Part-47) 1994
23.	Bio Assay Test	%	100 % Survival of fish after 96 hours in 100% Ro Outlet Water ***End of Report***	90 % Survival of fish after first 96 hours in 100% effluent	IS : 6582 - 2003

Remarks :

Note :

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Person In-charge Testing

- *Industrial & Environmental Pollution, *Water & Effluent Water Testing, Drugs & Pharmaceutical, Biological/Microbiological Testing Services.
- *Food & Agriculture Products Testing, *Method Development & Validation (Pharma, Food & Environment).
- *API Product (Process Development & Research), GMP/GLP Solution for Pharma / Food Industry



क्षेत्रीय प्रयोगशाला,
म.प्र.प्रदूषण नियंत्रण बोर्ड,
17, भरतपुरी, उज्जैन,
दूरभाष कार्यालय-2525281, 2510984

क्रमांक- 1637

/प्रनिबो/क्षे.प्र.शा./2024/

उज्जैन, दिनांक 10/10/24

प्रति,

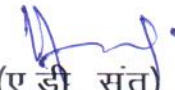
✓ उद्योग प्रबंधक,
मेसर्स Ipea Laboratories Ltd.
Village Sejaraba,
Ratnam (म.प्र.)

विषय :- भुगतान आधार पर जल/वायु/ध्वनि विश्लेषण रिपोर्ट भेजने बाबत ।

—00—

उपरोक्त विषयान्तर्गत लेख है, कि आपके द्वारा भुगतान आधार पर चाही गई
जल/वायु/ध्वनि विश्लेषण रिपोर्ट माह Sept-24 की संलग्न कर प्रेषित
है।

संलग्न :- रिपोर्ट क्रमांक -
573/24


(ए.डी. संत)
वरिष्ठ वैज्ञानिक अधिकारी



TEST REPORT

ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE

Report No. 673/2024

Date of issue: 27-09-2024

Sample from : :- M/s Ipca Laboratoris Ltd. Ratlam
Description of Sample: :- Treated factory effluent at R.O. out let before reuse in Process.
Reference: :- As per Monitoring Package / Payment Basis/Complaint
Sampling Method: :- APHA 24 th edi. 2023

Date of Collection :	17-09-2024	Sample Volume - 2 Litre
Date of Receipt :	18-09-2024	Plastic bottle & Glass bottle - Plastic bottle
Start of Analysis :	18-09-2024	Collected by :- Factory Person
Date of Completion of Analysis:	27-09-2024	Analysed by :- Mr. Vishal Solanky, Chemist

Visual Observations :

S.No.	Parameters	Unit	Test Method	Result
1	pH	pH Units	APHA 24 th edi. 2023, Electrometric Method 4500-H+B,	7.15
2	Total Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 B	228
3	Suspended Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 D	8
4	Total Dissolved Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 C	220
5	Chloride as Cl ⁻	mg/l	APHA 24 th edi. 2023, Argentometric Method 4500-Cl--B	48
6	B.O.D.(3 Days 27 ⁰ C)	mg/l	IS 3025,Part-44, 2023 (3-Day B.O.D. Test)	1.6
7	Chemical Oxygen Demand	mg/l	APHA 24 th edi. 2023, Open Reflux Method 5220-B	10

INDICATION : PARAMETER DOES NOT CONFIRM TO-

		Note:-
1	Standards prescribed by M.P.P.C.B. in M.P. Gazette notification, dated 25-03-1988.	(1) The report shall not be reproduced except in full, without permission of Regional Laboratory, M.P. Pollution Control Board, Ujjain
2	Standards prescribed in Enviroment (Protection) Rules 1986.	(2) No Statutory liability accepted for samples not collected by M.P.P.C.B.
3	ND- Not Detected , BDL- Below Detectable Limit	(3) The result relate only to the sampale tested. (4) Sample received in sealed condition.

End of Test Report


(A.D. Sant)
Senior Scientific Officer
Authorized Signatory



AzisLabs

▶ **Works:** Plot No. M-43, Sector-3, Pithampur 454775, Dist. Dhar, (M.P.) India
 ▶ **City Office:** 3/26, Vijay Nagar, Opp. Sayaji Hotel, Indore (M.P.) India. **Tel. No.:** 0731-4068173
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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

Test Report

Format No. : AL/FM/51D

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)

Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : AIR-2015/2024 - 2025

Booking Date : 24/05/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 31/05/2024

Sample Name : Ambient Air Monitoring

Sampling Date&Time : 22/05/2024 13:05

Stack Attached To : NA

Flue gas Velocity : NA

Sampling Duration : 24 hrs.

Location : Near Harvesting Pond

Flue gas Temperature : NA

Sampling By : Azis Labs

Ambient Temp. : 38°C

Diameter : NA

Wind Direction : From West

Humidity : 23%

Analysis Start Date : 25/05/2024

Stack Height : NA

Fuel : NA

Analysis End Date : 31/05/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
1.	Particulate Matter (less than 10 µm) or PM10	µg/m3	57.21	Max. 100	IS : 5182 (Part 23) 2006
2.	Particulate Matter (less than 2.5 µm) or PM2.5	µg/m3	26.46	Max. 60	AZSTP/ENV/004-00 Based on Guideline by CPCB NAAQMS/36/2012-13
3.	Sulphur Dioxide (SO2)	µg/m3	16.23	Max. 80	IS : 5182 (Part 2) 2001
4.	Oxide of Nitrogen (NO2)	µg/m3	25.79	Max. 80	IS : 5182 (Part 6) 2006
5.	Ozone(O3)	µg/m3	10.54	Max. 100	IS : 5182 (Part-09) 1974
6.	Lead(Pb)	µg/m3	Below Detection Limit	Max. 1.0	IS : 5182 (Part-22) 2004
7.	Ammonia(NH3)	µg/m3	21.19	Max. 400	AZSTP/ENV/008-00 Based on Guideline by CPCB NAAQMS/36/2012-13
8.	Arsenic (As)	ng/m3	Below Detection Limit	Max. 06	AZSTP/ENV/009-00 Based on Guideline by CPCB NAAQMS/36/2012-13
9.	Nickel	ng/m3	Below Detection Limit	Max. 20	AZSTP/ENV/011-00 Based on Guideline by CPCB NAAQMS/36/2012-13

Remarks :

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 Sejavta Ratlam

 RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : AIR-2015/2024 - 2025
 Booking Date : 24/05/2024
 TRF Ref. No. : NA
 TRF Date : NA
 MFG. LIC. NO. : NA
 Issue Date : 31/05/2024

Sample Name : Ambient Air Monitoring	Stack Attached To : NA	Flue gas Velocity : NA
Sampling Date&Time : 22/05/2024 13:05	Location : Near Harvesting Pond	Flue gas Temperature : NA
Sampling Duration : 24 hrs.	Ambient Temp. : 38°C	Diameter : NA
Sampling By : Azis Labs	Humidity : 23%	Analysis Start Date : 25/05/2024
Wind Direction : From West	Fuel : NA	Analysis End Date : 31/05/2024
Stack Height : NA		

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
10.	Carbon Monoxide(CO)	µg/m3	204.35	Max. 2000	IS : 5182(Part-10)2006
11.	Benzene C6H6	µg/m3	Below Detection Limit	Max. 05	Based on CPCB Guideline Vol.1
12.	Benzo(a)Pyrene Particulate	µg/m3	Below Detection Limit	Max. 01	Based on CPCB Guideline Vol.1
End of Report					

Remarks :

Note :

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Test Report

Format No. : AL/FM/51D

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)
Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : AIR-2014/2024 - 2025

Booking Date : 24/05/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 31/05/2024

Sample Name : Ambient Air Monitoring

Sampling Date&Time : 22/05/2024 12:50

Stack Attached To : NA

Flue gas Velocity : NA

Sampling Duration : 24 hrs.

Location : Near Incenireator

Flue gas Temperature : NA

Sampling By : Azis Labs

Ambient Temp. : 38°C

Diameter : NA

Wind Direction : From West

Humidity : 23%

Analysis Start Date : 25/05/2024

Stack Height : NA

Fuel : NA

Analysis End Date : 31/05/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
1.	Particulate Matter (less than 10 µm) or PM10	µg/m3	62.78	Max. 100	IS : 5182 (Part 23) 2006
2.	Particulate Matter (less than 2.5 µm) or PM2.5	µg/m3	27.43	Max. 60	AZSTP/ENV/004-00 Based on Guideline by CPCB NAAQMS/36/2012-13
3.	Sulphur Dioxide (SO2)	µg/m3	18.64	Max. 80	IS : 5182 (Part 2) 2001
4.	Oxide of Nitrogen (NO2)	µg/m3	24.19	Max. 80	IS : 5182 (Part 6) 2006
5.	Ozone(O3)	µg/m3	12.37	Max. 100	IS : 5182 (Part-09) 1974
6.	Lead(Pb)	µg/m3	Below Detection Limit	Max. 1.0	IS : 5182 (Part-22) 2004
7.	Ammonia(NH3)	µg/m3	24.53	Max. 400	AZSTP/ENV/008-00 Based on Guideline by CPCB NAAQMS/36/2012-13
8.	Arsenic (As)	ng/m3	Below Detection Limit	Max. 06	AZSTP/ENV/009-00 Based on Guideline by CPCB NAAQMS/36/2012-13
9.	Nickel	ng/m3	Below Detection Limit	Max. 20	AZSTP/ENV/011-00 Based on Guideline by CPCB NAAQMS/36/2012-13

Remarks :

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Azis Labs

▶ **Works:** Plot No. M-43, Sector-3, Pithampur 454775, Dist. Dhar, (M.P.) India
 ▶ **City Office:** 3/26, Vijay Nagar, Opp. Sayaji Hotel, Indore (M.P.) India, **Tel. No.:** 0731-4068173
 ▶ **Lab Contact No.:** 96698 89316, 98270 08819, 7089333892, 7292299431, 7292299432
 ▶ **Email:** info@azislabs.com, j.dingwani@azislabs.com, **Visit:** www.azislabs.in

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Test Report

Format No. : AL/FM/51D

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)
Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : AIR-2014/2024 - 2025

Booking Date : 24/05/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 31/05/2024

Sample Name : Ambient Air Monitoring

Sampling Date&Time : 22/05/2024 12:50

Stack Attached To : NA

Flue gas Velocity : NA

Sampling Duration : 24 hrs.

Location : Near Incenireator

Flue gas Temperature : NA

Sampling By : Azis Labs

Ambient Temp. : 38°C

Diameter : NA

Wind Direction : From West

Humidity : 23%

Analysis Start Date : 25/05/2024

Stack Height : NA

Fuel : NA

Analysis End Date : 31/05/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
10.	Carbon Monoxide(CO)	µg/m3	218.76	Max. 2000	IS : 5182(Part-10)2006
11.	Benzene C6H6	µg/m3	Below Detection Limit	Max. 05	Based on CPCB Guideline Vol.1
12.	Benzo(a)Pyrene Particulate	µg/m3	Below Detection Limit	Max. 01	Based on CPCB Guideline Vol.1
End of Report					

Remarks :

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Test Report

Format No. : AL/FM/51D

Report Issued to
 IPCA LABORATORIES LIMITED, (RATLAM)
 Sejavta Ratlam
 RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : AIR-2016/2024 - 2025
 Booking Date : 24/05/2024
 TRF Ref. No. : NA
 TRF Date : NA
 MFG. LIC. NO. : NA
 Issue Date : 31/05/2024

Sample Name : Ambient Air Monitoring	Stack Attached To : NA	Flue gas Velocity : NA
Sampling Date&Time : 22/05/2024 13:20	Location : Near Gate No.1	Flue gas Temperature : NA
Sampling Duration : 24 hrs.	Ambient Temp. : 38°C	Diameter : NA
Sampling By : Azis Labs	Humidity : 23%	Analysis Start Date : 25/05/2024
Wind Direction : From West	Fuel : NA	Analysis End Date : 31/05/2024
Stack Height : NA		

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
1.	Particulate Matter (less than 10 µm) or PM10	µg/m3	49.27	Max. 100	IS : 5182 (Part 23) 2006
2.	Particulate Matter (less than 2.5 µm) or PM2.5	µg/m3	31.84	Max. 60	AZSTP/ENV/004-00 Based on Guideline by CPCB NAAQMS/36/2012-13
3.	Sulphur Dioxide (SO2)	µg/m3	17.54	Max. 80	IS : 5182 (Part 2) 2001
4.	Oxide of Nitrogen (NO2)	µg/m3	26.39	Max. 80	IS : 5182 (Part 6) 2006
5.	Ozone(O3)	µg/m3	10.31	Max. 100	IS : 5182 (Part-09) 1974
6.	Lead(Pb)	µg/m3	Below Detection Limit	Max. 1.0	IS : 5182 (Part-22) 2004
7.	Ammonia(NH3)	µg/m3	19.28	Max. 400	AZSTP/ENV/008-00 Based on Guideline by CPCB NAAQMS/36/2012-13
8.	Arsenic (As)	ng/m3	Below Detection Limit	Max. 06	AZSTP/ENV/009-00 Based on Guideline by CPCB NAAQMS/36/2012-13
9.	Nickel	ng/m3	Below Detection Limit	Max. 20	AZSTP/ENV/011-00 Based on Guideline by CPCB NAAQMS/36/2012-13

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Test Report

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 IPCA LABORATORIES LIMITED, (RATLAM)
 Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : AIR-2016/2024 - 2025
 Booking Date : 24/05/2024
 TRF Ref. No. : NA
 TRF Date : NA
 MFG. LIC. NO. : NA
 Issue Date : 31/05/2024

Sample Name : Ambient Air Monitoring	Stack Attached To : NA	Flue gas Velocity : NA
Sampling Date&Time : 22/05/2024 13:20	Location : Near Gate No.1	Flue gas Temperature : NA
Sampling Duration : 24 hrs.	Ambient Temp. : 38°C	Diameter : NA
Sampling By : Azis Labs	Humidity : 23%	Analysis Start Date : 25/05/2024
Wind Direction : From West	Fuel : NA	Analysis End Date : 31/05/2024
Stack Height : NA		

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
10.	Carbon Monoxide(CO)	µg/m3	253.16	Max. 2000	IS : 5182(Part-10)2006
11.	Benzene C6H6	µg/m3	Below Detection Limit	Max. 05	Based on CPCB Guideline Vol.1
12.	Benzo(a)Pyrene Particulate	µg/m3	Below Detection Limit	Max. 01	Based on CPCB Guideline Vol.1
End of Report					

Remarks :

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Test Report

Format No. : AL/FM/51D

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 Sejavta Ratlam
 RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : AIR-2017/2024 - 2025
 Booking Date : 24/05/2024
 TRF Ref. No. : NA
 TRF Date : NA
 MFG. LIC. NO. : NA
 Issue Date : 31/05/2024

Sample Name : Ambient Air Monitoring	Stack Attached To : NA	Flue gas Velocity : NA
Sampling Date&Time : 22/05/2024 13:35	Location : Near Gate No.4	Flue gas Temperature : NA
Sampling Duration : 24 hrs.	Ambient Temp. : 38°C	Diameter : NA
Sampling By : Azis Labs	Humidity : 23%	Analysis Start Date : 25/05/2024
Wind Direction : From West	Fuel : NA	Analysis End Date : 31/05/2024
Stack Height : NA		

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
1.	Particulate Matter (less than 10 µm) or PM10	µg/m3	52.93	Max. 100	IS : 5182 (Part 23) 2006
2.	Particulate Matter (less than 2.5 µm) or PM2.5	µg/m3	26.65	Max. 60	AZSTP/ENV/004-00 Based on Guideline by CPCB NAAQMS/36/2012-13
3.	Sulphur Dioxide (SO2)	µg/m3	19.84	Max. 80	IS : 5182 (Part 2) 2001
4.	Oxide of Nitrogen (NO2)	µg/m3	25.72	Max. 80	IS : 5182 (Part 6) 2006
5.	Ozone(O3)	µg/m3	10.53	Max. 100	IS : 5182 (Part-09) 1974
6.	Lead(Pb)	µg/m3	Below Detection Limit	Max. 1.0	IS : 5182 (Part-22) 2004
7.	Ammonia(NH3)	µg/m3	21.17	Max. 400	AZSTP/ENV/008-00 Based on Guideline by CPCB NAAQMS/36/2012-13
8.	Arsenic (As)	ng/m3	Below Detection Limit	Max. 06	AZSTP/ENV/009-00 Based on Guideline by CPCB NAAQMS/36/2012-13
9.	Nickel	ng/m3	Below Detection Limit	Max. 20	AZSTP/ENV/011-00 Based on Guideline by CPCB NAAQMS/36/2012-13

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Test Report

Format No. : AL/FM/51D

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Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : AIR-2017/2024 - 2025

Booking Date : 24/05/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 31/05/2024

Sample Name : Ambient Air Monitoring

Sampling Date&Time : 22/05/2024 13:35

Stack Attached To : NA

Flue gas Velocity : NA

Sampling Duration : 24 hrs.

Location : Near Gate No.4

Flue gas Temperature : NA

Sampling By : Azis Labs

Ambient Temp. : 38°C

Diameter : NA

Wind Direction : From West

Humidity : 23%

Analysis Start Date : 25/05/2024

Stack Height : NA

Fuel : NA

Analysis End Date : 31/05/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
10.	Carbon Monoxide(CO)	µg/m3	194.21	Max. 2000	IS : 5182(Part-10)2006
11.	Benzene C6H6	µg/m3	Below Detection Limit	Max. 05	Based on CPCB Guideline Vol.1
12.	Benzo(a)Pyrene Particulate	µg/m3	Below Detection Limit	Max. 01	Based on CPCB Guideline Vol.1
End of Report					

Remarks :

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Test Report

Format No. : AL/FM/51D

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)
Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : AIR-5124/2024 - 2025

Booking Date : 14/08/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 22/08/2024

Sample Name : Ambient Air Monitoring

Sampling Date&Time : 12/08/2024 12:50

Stack Attached To : NA

Flue gas Velocity : NA

Sampling Duration : 24 hrs.

Location : Near Incenireator

Flue gas Temperature : NA

Sampling By : Azis Labs

Ambient Temp. : 26°C

Diameter : NA

Wind Direction : From South West

Humidity : 84%

Analysis Start Date : 16/08/2024

Stack Height : NA

Fuel : NA

Analysis End Date : 22/08/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
1.	Particulate Matter (less than 10 µm) or PM10	µg/m ³	60.59	Max. 100	IS : 5182 (Part 23) 2006
2.	Particulate Matter (less than 2.5 µm) or PM2.5	µg/m ³	29.16	Max. 60	AZSTP/ENV/004-00 Based on Guideline by CPCB NAAQMS/36/2012-13
3.	Sulphur Dioxide (SO ₂)	µg/m ³	17.08	Max. 80	IS : 5182 (Part 2) 2001
4.	Oxide of Nitrogen (NO ₂)	µg/m ³	23.11	Max. 80	IS : 5182 (Part 6) 2006
5.	Ozone(O ₃)	µg/m ³	10.78	Max. 100	IS : 5182 (Part-09) 1974
6.	Lead(Pb)	µg/m ³	Below Detection Limit	Max. 1.0	IS : 5182 (Part-22) 2004
7.	Ammonia(NH ₃)	µg/m ³	25.25	Max. 400	AZSTP/ENV/008-00 Based on Guideline by CPCB NAAQMS/36/2012-13
8.	Arsenic (As)	ng/m ³	Below Detection Limit	Max. 06	AZSTP/ENV/009-00 Based on Guideline by CPCB NAAQMS/36/2012-13
9.	Nickel	ng/m ³	Below Detection Limit	Max. 20	AZSTP/ENV/011-00 Based on Guideline by CPCB NAAQMS/36/2012-13

Remarks :

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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

Test Report

Format No. : AL/FM/51D

Report Issued to
IPCA LABORATORIES LIMITED, (RATLAM)
Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : AIR-5124/2024 - 2025
Booking Date : 14/08/2024
TRF Ref. No. : NA
TRF Date : NA
MFG. LIC. NO. : NA
Issue Date : 22/08/2024

Sample Name : Ambient Air Monitoring	Stack Attached To : NA	Flue gas Velocity : NA
Sampling Date&Time : 12/08/2024 12:50	Location : Near Incenireator	Flue gas Temperature : NA
Sampling Duration : 24 hrs.	Ambient Temp. : 26°C	Diameter : NA
Sampling By : Azis Labs	Humidity : 84%	Analysis Start Date : 16/08/2024
Wind Direction : From South West	Fuel : NA	Analysis End Date : 22/08/2024
Stack Height : NA		

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
10.	Carbon Monoxide(CO)	µg/m ³	193.52	Max. 2000	IS : 5182(Part-10)2006
11.	Benzene C6H6	µg/m ³	Below Detection Limit	Max. 05	Based on CPCB Guideline Vol.1
12.	Benzo(a)Pyrene Particulate	µg/m ³	Below Detection Limit	Max. 01	Based on CPCB Guideline Vol.1
End of Report					

Remarks :

Note :

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Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : AIR-5126/2024 - 2025

Booking Date : 14/08/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 22/08/2024

Sample Name : Ambient Air Monitoring

Sampling Date&Time : 12/08/2024 12:20

Sampling Duration : 24 hrs.

Sampling By : Azis Labs

Wind Direction : From South West

Stack Height : NA

Stack Attached To : NA

Location : Near Gate No.1

Ambient Temp. : 26°C

Humidity : 84%

Fuel : NA

Flue gas Velocity : NA

Flue gas Temperature : NA

Diameter : NA

Analysis Start Date : 16/08/2024

Analysis End Date : 22/08/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
1.	Particulate Matter (less than 10 µm) or PM10	µg/m ³	54.53	Max. 100	IS : 5182 (Part 23) 2006
2.	Particulate Matter (less than 2.5 µm) or PM2.5	µg/m ³	28.75	Max. 60	AZSTP/ENV/004-00 Based on Guideline by CPCB NAAQMS/36/2012-13
3.	Sulphur Dioxide (SO2)	µg/m ³	16.66	Max. 80	IS : 5182 (Part 2) 2001
4.	Oxide of Nitrogen (NO2)	µg/m ³	22.86	Max. 80	IS : 5182 (Part 6) 2006
5.	Ozone(O3)	µg/m ³	12.75	Max. 100	IS : 5182 (Part-09) 1974
6.	Lead(Pb)	µg/m ³	Below Detection Limit	Max. 1.0	IS : 5182 (Part-22) 2004
7.	Ammonia(NH3)	µg/m ³	18.56	Max. 400	AZSTP/ENV/008-00 Based on Guideline by CPCB NAAQMS/36/2012-13
8.	Arsenic (As)	ng/m ³	Below Detection Limit	Max. 06	AZSTP/ENV/009-00 Based on Guideline by CPCB NAAQMS/36/2012-13
9.	Nickel	ng/m ³	Below Detection Limit	Max. 20	AZSTP/ENV/011-00 Based on Guideline by CPCB NAAQMS/36/2012-13

Remarks :

Note :

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5. MOEF Recognized environment Laboratory valid up to 05/06/2025(LB/99/7/2021).
6. NABL Accredited Lab (ISO /IEC 17025 : 2017) Valid until 05/06/2025.

Checked by

Person In-charge Testing

- ▶ *Industrial & Environmental Pollution, *Water & Effluent Water Testing, Drugs & Pharmaceutical, Biological/Microbiological Testing Services.
- ▶ *Food & Agriculture Products Testing, *Method Development & Validation (Pharma, Food & Environment).
- ▶ *API Product (Process Development & Research), GMP/GLP Solution for Pharma / Food Industry



AzisLabs

► **Works** : Plot No. M-43, Sector-3, Pithampur 454775, Dist. Dhar, (M.P.) India
 ► **City Office** : 3/26, Vijay Nagar, Opp. Sayaji Hotel, Indore (M.P.) India, **Tel. No.:** 0731-4068173
 ► **Lab Contact No.:** 96698 89316, 98270 08819, 7089333892, 7292299431, 7292299432
 ► **Email:** info@azislabs.com, j.dingwani@azislabs.com, **Visit:** www.azislabs.in

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

Format No. : AL/FM/51D

Test Report

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)
Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : AIR-5126/2024 - 2025

Booking Date : 14/08/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 22/08/2024

Sample Name : Ambient Air Monitoring

Sampling Date&Time : 12/08/2024 12:20

Sampling Duration : 24 hrs.

Sampling By : Azis Labs

Wind Direction : From South West

Stack Height : NA

Stack Attached To: NA

Location : Near Gate No.1

Ambient Temp. : 26°C

Humidity : 84%

Fuel : NA

Flue gas Velocity : NA

Flue gas Temperature : NA

Diameter : NA

Analysis Start Date : 16/08/2024

Analysis End Date : 22/08/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
10.	Carbon Monoxide(CO)	µg/m ³	239.05	Max. 2000	IS : 5182(Part-10)2006
11.	Benzene C ₆ H ₆	µg/m ³	Below Detection Limit	Max. 05	Based on CPCB Guideline Vol.1
12.	Benzo(a)Pyrene Particulate	µg/m ³	Below Detection Limit	Max. 01	Based on CPCB Guideline Vol.1
End of Report					

Remarks :

Note :

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6. NABL Accredited Lab (ISO /IEC 17025 : 2017) Valid until 05/06/2025.

Checked by

Person In-charge Testing

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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

Test Report

Format No. : AL/FM/51D

Report Issued to
 IPCA LABORATORIES LIMITED, (RATLAM)
 Sejavta Ratlam

 RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : AIR-5127/2024 - 2025
 Booking Date : 14/08/2024
 TRF Ref. No. : NA
 TRF Date : NA
 MFG. LIC. NO. : NA
 Issue Date : 22/08/2024

Sample Name : Ambient Air Monitoring	Stack Attached To : NA	Flue gas Velocity : NA
Sampling Date&Time : 12/08/2024 12:05	Location : Near Gate No.4	Flue gas Temperature : NA
Sampling Duration : 24 hrs.	Ambient Temp. : 26°C	Diameter : NA
Sampling By : Azis Labs	Humidity : 84%	Analysis Start Date : 16/08/2024
Wind Direction : From South West	Fuel : NA	Analysis End Date : 22/08/2024
Stack Height : NA		

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
1.	Particulate Matter (less than 10 µm) or PM10	µg/m ³	57.88	Max. 100	IS : 5182 (Part 23) 2006
2.	Particulate Matter (less than 2.5 µm) or PM2.5	µg/m ³	25.41	Max. 60	AZSTP/ENV/004-00 Based on Guideline by CPCB NAAQMS/36/2012-13
3.	Sulphur Dioxide (SO ₂)	µg/m ³	19.37	Max. 80	IS : 5182 (Part 2) 2001
4.	Oxide of Nitrogen (NO ₂)	µg/m ³	24.51	Max. 80	IS : 5182 (Part 6) 2006
5.	Ozone(O ₃)	µg/m ³	9.81	Max. 100	IS : 5182 (Part-09) 1974
6.	Lead(Pb)	µg/m ³	Below Detection Limit	Max. 1.0	IS : 5182 (Part-22) 2004
7.	Ammonia(NH ₃)	µg/m ³	20.50	Max. 400	AZSTP/ENV/008-00 Based on Guideline by CPCB NAAQMS/36/2012-13
8.	Arsenic (As)	ng/m ³	Below Detection Limit	Max. 06	AZSTP/ENV/009-00 Based on Guideline by CPCB NAAQMS/36/2012-13
9.	Nickel	ng/m ³	Below Detection Limit	Max. 20	AZSTP/ENV/011-00 Based on Guideline by CPCB NAAQMS/36/2012-13

Remarks :

Note :

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Checked by

Person In-charge Testing

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- ▶ *Food & Agriculture Products Testing, *Method Development & Validation (Pharma, Food & Environment).
- ▶ *API Product (Process Development & Research), GMP/GLP Solution for Pharma / Food Industry



Azis Labs

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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

Test Report

Format No. : AL/FM/51D

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)
Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : AIR-5127/2024 - 2025

Booking Date : 14/08/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 22/08/2024

Sample Name : Ambient Air Monitoring

Sampling Date&Time : 12/08/2024 12:05

Sampling Duration : 24 hrs.

Sampling By : Azis Labs

Wind Direction : From South West

Stack Height : NA

Stack Attached To : NA

Location : Near Gate No.4

Ambient Temp. : 26°C

Humidity : 84%

Fuel : NA

Flue gas Velocity : NA

Flue gas Temperature : NA

Diameter : NA

Analysis Start Date : 16/08/2024

Analysis End Date : 22/08/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
10.	Carbon Monoxide(CO)	µg/m ³	193.52	Max. 2000	IS : 5182(Part-10)2006
11.	Benzene C6H6	µg/m ³	Below Detection Limit	Max. 05	Based on CPCB Guideline Vol.1
12.	Benzo(a)Pyrene Particulate	µg/m ³	Below Detection Limit	Max. 01	Based on CPCB Guideline Vol.1
End of Report					

Remarks :

Note :

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4. Specification as per MoEF&CC,CPCB,MPPCB.
5. MOEF Recognized environment Laboratory valid up to 05/06/2025(LB/99/7/2021).
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- *Food & Agriculture Products Testing, *Method Development & Validation (Pharma, Food & Environment).
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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

Test Report

Format No. : AL/FM/51D

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)
Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : AIR-5125/2024 - 2025

Booking Date : 14/08/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 22/08/2024

Sample Name : Ambient Air Monitoring

Sampling Date&Time : 12/08/2024 12:35

Stack Attached To : NA

Flue gas Velocity : NA

Sampling Duration : 24 hrs.

Location : Near Harvesting Pond

Flue gas Temperature : NA

Sampling By : Azis Labs

Ambient Temp. : 26°C

Diameter : NA

Wind Direction : From South West

Humidity : 84%

Analysis Start Date : 16/08/2024

Stack Height : NA

Fuel : NA

Analysis End Date : 22/08/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
1.	Particulate Matter (less than 10 µm) or PM10	µg/m ³	63.53	Max. 100	IS : 5182 (Part 23) 2006
2.	Particulate Matter (less than 2.5 µm) or PM2.5	µg/m ³	27.91	Max. 60	AZSTP/ENV/004-00 Based on Guideline by CPCB NAAQMS/36/2012-13
3.	Sulphur Dioxide (SO2)	µg/m ³	15.62	Max. 80	IS : 5182 (Part 2) 2001
4.	Oxide of Nitrogen (NO2)	µg/m ³	23.37	Max. 80	IS : 5182 (Part 6) 2006
5.	Ozone(O3)	µg/m ³	11.77	Max. 100	IS : 5182 (Part-09) 1974
6.	Lead(Pb)	µg/m ³	Below Detection Limit	Max. 1.0	IS : 5182 (Part-22) 2004
7.	Ammonia(NH3)	µg/m ³	20.68	Max. 400	AZSTP/ENV/008-00 Based on Guideline by CPCB NAAQMS/36/2012-13
8.	Arsenic (As)	ng/m ³	Below Detection Limit	Max. 06	AZSTP/ENV/009-00 Based on Guideline by CPCB NAAQMS/36/2012-13
9.	Nickel	ng/m ³	Below Detection Limit	Max. 20	AZSTP/ENV/011-00 Based on Guideline by CPCB NAAQMS/36/2012-13

Remarks :

Note :

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Test Report

Format No. : AL/FM/51D

Report Issued to

IPCA LABORATORIES LIMITED, (RATLAM)
Sejavta Ratlam

RATLAM (M.P.) - 457002 MADHYA PRADESH

A.R No. : AIR-5125/2024 - 2025

Booking Date : 14/08/2024

TRF Ref. No. : NA

TRF Date : NA

MFG. LIC. NO. : NA

Issue Date : 22/08/2024

Sample Name : Ambient Air Monitoring

Sampling Date&Time : 12/08/2024 12:35

Stack Attached To : NA

Flue gas Velocity : NA

Sampling Duration : 24 hrs.

Location : Near Harvesting Pond

Flue gas Temperature : NA

Sampling By : Azis Labs

Ambient Temp. : 26°C

Diameter : NA

Wind Direction : From South West

Humidity : 84%

Analysis Start Date : 16/08/2024

Stack Height : NA

Fuel : NA

Analysis End Date : 22/08/2024

SR	CHARACTERISTIC	UNIT	RESULT	SPECIFICATION	METHOD OF TEST
10.	Carbon Monoxide(CO)	µg/m ³	204.90	Max. 2000	IS : 5182(Part-10)2006
11.	Benzene C6H6	µg/m ³	Below Detection Limit	Max. 05	Based on CPCB Guideline Vol.1
12.	Benzo(a)Pyrene Particulate	µg/m ³	Below Detection Limit	Max. 01	Based on CPCB Guideline Vol.1
End of Report					

Remarks :

Note :

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Annexure-19

Photograph of CEQMS RO Outlet Analyzer



Annexure-20

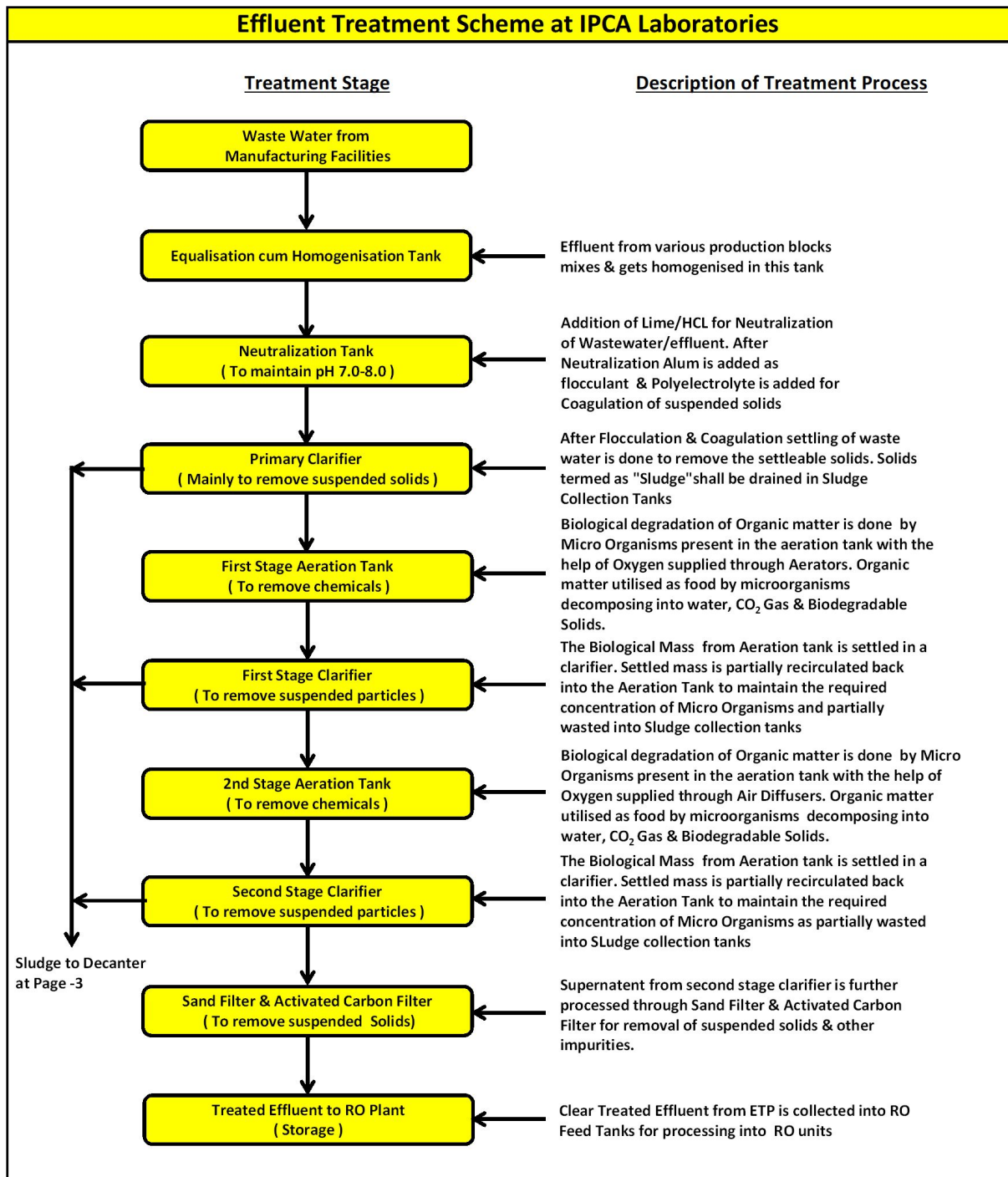
Photograph of PTZ Camera



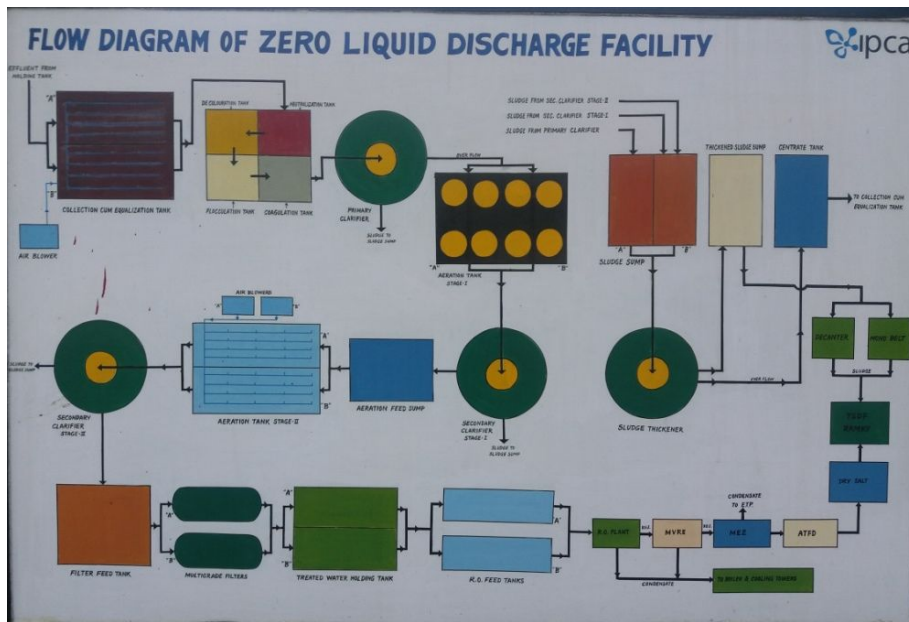
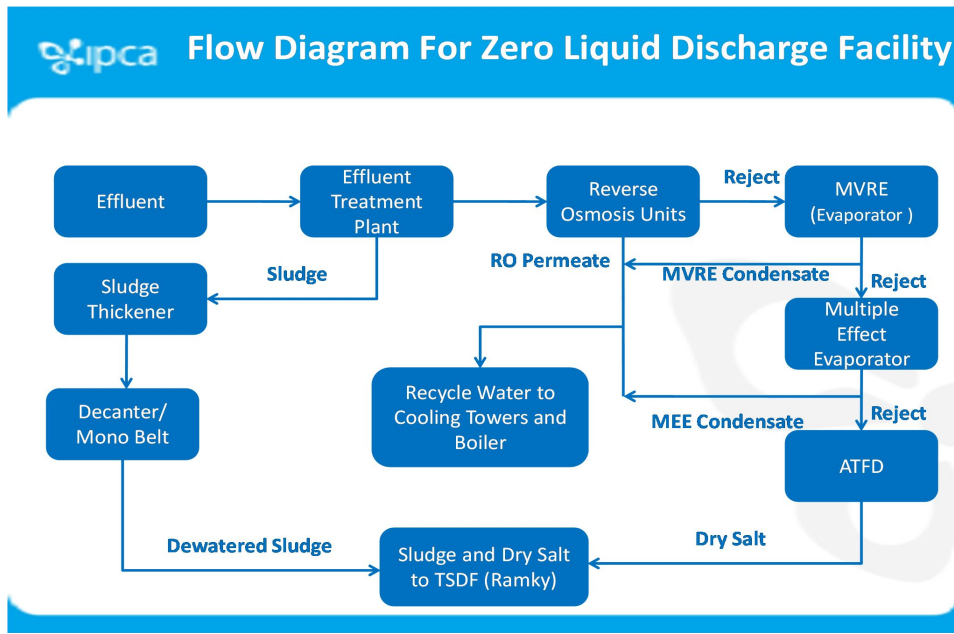
Annexure-21

ZLD Treatment Scheme

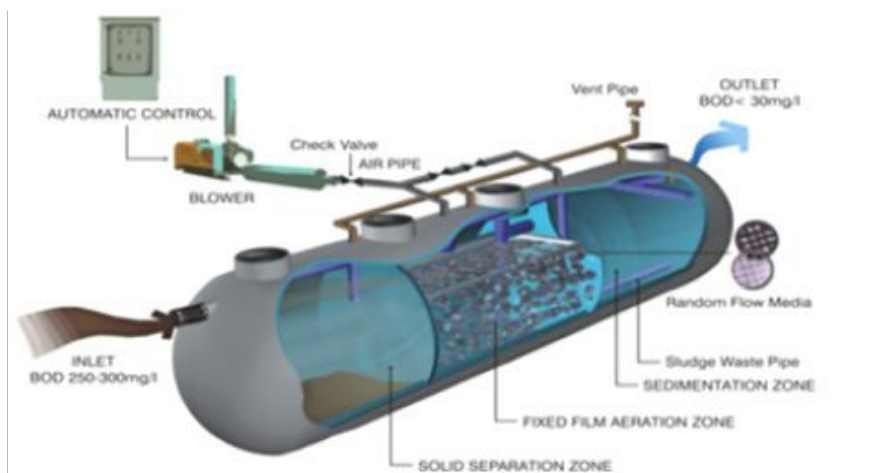
ETP Process Description :



ZLD Flow Diagram



STP Flow Diagram



Details of Stripper

(Random Packed Bed Type Stripper)

Sr. No.	Parameter	Unit	Values
1.	Capacity (Organics)	Kg/Hr	237 Kg/Hr Solvent + 237 kg/hr Water
2.	Capacity (Feed)	Kg/Hr	7875
3.	Heating Media	NA	Dry Saturated Steam
4.	Steam Consumption	Kg//Hr	640
5.	Steam Pressure	Bar	3.0
6.	Power Connected/Consumed	KW	25/20
7.	Cooling Water Supply	M3/hr	45

Imp. :- High COD Streams from Production plants are processed through the Stripper with above specifications for recovery of solvent traces.

Annexure-22

Photographs of Storm Water Drain



Annexure-23

Photographs of Acoustic Enclosures in DG sets



Annexure-24

Ipca Laboratories Limited, Ratlam

Ambient Noise Level Monitoring Report

For the Period of Apr-24 to Sep-24

Month	Time Day/Night	Limit dB(A)	Location				
			Gate No. 2	Gate No. 5	Near AAQMS Room-2	Gate No. 7	ETP
Apr-24	Day	75	64.2	70.2	62.0	61.3	74.0
	Night	70	61.5	59.3	58.5	54.0	68.5
May-24	Day	75	67.3	69.2	63.5	62.0	72.3
	Night	70	60.3	61.2	57.4	57.2	66.0
Jun-24	Day	75	68.7	66.5	63.4	64.3	72.0
	Night	70	58.3	62.0	53.5	54.3	69.7
July-24	Day	75	64.8	65.0	52	56.6	68
	Night	70	59.5	60	48.3	50.2	60.4
Aug-24	Day	75	65.2	66.9	54.4	59.6	67.3
	Night	70	60.1	60.3	46.3	52.2	59.8
Sep-24	Day	75	70.3	62.5	55.3	54.6	64.2
	Night	70	65.0	55.7	49.6	48.4	58.0

Annexure-25

Photographs of LED lights





M.P. PASCHIM KSHETRA VIDYUT VITARAN CO. LTD.

MPPKVCL, G.P.H. Compound, Polo Ground, Indore - 452003 || GSTIN of Company:- 23AADCM7397N1ZU

htcellmppkvcl@gmail.com

Website : http://www.mpwz.co.in/

HSN Code of Electricity:- 271600 PAN of Company: AACDM7397N

Bill ID. : H0493904000-202410-6

HDFC/ICICI Virtual A/c No: PKVVCL0493904000

Date Of Issue : 05-NOV-2024

Last Dates Of Payment

1. By Online

20-NOV-2024

Bill month : October-2024

M/S IPCA LABORATORIES LTD
P.B.NO; 33,13/603 MHOW -NEEMUCH ROAD RATLAM
DIST RATLAM (M.P) 457001 NA
Mob. No. ***7960**
Email Id power.ratlam@ipca.com

Loc Code 3525100,Circle : Ratlam
Cons. Code H0493904000 Old Cons. Code 3525100524005
PAN : AAACI1220M S/C No : 110
Total SD Held : Rs. 80571900.00
Connection Date : 02/12/1983
Supply Voltage : 132 KV
Purpose : Other HT Industries

Cont. Demand 12000 KVA [TempCd 0] [Standby CD 0] * Tariff HV-3.1.C Industrial on 132KV * ANNUAL GMC : 1800 per KVA

Type: Open Access LTOA without		
Wheeling Claim		
Feeder Name: NA		
Meter No. Q0300568 MF	1.000000	0.000000
* AMR Reading	I	II
Max Demand Recorded	12647.96000	0.000000
Transformer Loss	0.00000	0.000000
Total Max Demand	12647.96000	0.000000
Adjustment	0.00000	0.000000
Net Max Demand	12648.00000	0.000000
Billing Demand	12648.00000	0.000000
Energy Units (KWH) Reading		
On 31-OCT-2024	354765209.60000	0.000000
On 30-SEP-2024	348185296.89600	0.000000
DIFFERENCE With MF	6579912.70000	0.000000
Transformer Loss	0.00000	0.000000
Adjustment	0.00000	0.000000
RE Adjustment	3193127.00000	0.000000
Total Units	3386786.00000	0.000000
Net Units Supplied	3386786.00000	0.000000
KWH EXPORT :	0.00000	0.000000
KWH EXPORT Adj :	0.00000	0.000000
Previous CF Units :	0.00000	0.000000
Current CF Units :	0.00000	0.000000
TOD1 :	1338693.00000	0.000000
TOD2 :	571338.00000	0.000000
TOD3 :	0.00000	0.000000
TOD4 :	1476740.00000	0.000000
Wheeled Units :	3279374.00000	0.000000
Demand in excess of CD.	648	0
KVAH Units Reading		
On 31-OCT-2024	356637704.19200	0.000000
On 30-SEP-2024	350004215.80800	0.000000
DIFFERENCE With MF	6633488.38000	0.000000
Transformer Loss	0.00000	0.000000
Adjustment	0.00000	0.000000
RE Adjustment	3219203.00000	0.000000
Total Units	3414285.00000	0.000000
Net KVAH Units Supplied	3414285.00000	0.000000
Avg Power Factor 0.99	Avg Load Factor 36.000	
Progressive KWH Consumption Upto	33411964.000	
Current Month		
REQUIRED TMM	12697200.00	
ASD ARREAR	0	
ASD ARREAR PAID	0	
ASD ARREAR BALANCE	0	
Progressive Current Month Bill Total(Rs.)	266808754.00	

Fixed Charges	12000 * 704	8448000.00
Fixed Charges	648 * 704.00	456192.00
Energy Charges	3213269 * 6.85	22010892.65
Energy Charges	173517 * 6.85	1188591.45
FPPAS on Energy Charges	23199484.10 * 0.03	695984.52
PF Incentive	23895468.62 * 5%	-1194773.43
Electricity Duty	3386786 * 9%	2150592.00
TOD1 Rebate	1338693 * 7.0555 * 0.10	-944514.85
TOD2 Surcharge	571338 * 7.0555 * 0.20	806215.05
TOD4 Surcharge	1476740 * 7.0555 * 0.20	2083827.81
Rebate On Online Payment		-1000.00
Prompt Payment Incentive		-100073.05
Round Off Adj		-0.15

CURRENT MONTH BILL	35599934.00
Arrears Inc. Cumm. Surch.	0.00
SD Int. on 80571900 @ 6.75%	-461909.00
TDS on 461909 @ 10.00%	46191.00
TDS u/s 194Q	-35600.00
NET BILL PAYABLE	35148616.00
Rs. THREE CRORE FIFTY ONE LAKH FORTY EIGHT THOUSAND SIX HUNDRED AND SIXTEEN ONLY	
NET BILL PAYABLE AFTER DUE DATE	35587974.00

Accounts Officer (HT Billing Cell)
M.P.P.K.V.V.C.L., INDORE

**This bill is system generated hence does not require a signature, also no hard copy of bill, will be sent by the Company.
E. And O. E.

Month Year	CD	Consumption	
October-2015	8800	4096670.00	
Previous Month Bill Amount		40029220.00	
Last Month Payment Details: Total Amt. 40029220			
Date	Mode	Receipt No.	Amt (Rs.)
14-OCT-2024	NEFT	078285238844	40029220

Previous Reading Details				
MTH	Type	Date	MF	KWH Reading
SEP-24	AMR	30-SEP-2024	1.000000	348185296.90
AUG-24	AMR	31-AUG-2024	1.000000	340855193.60
JUL-24	AMR	31-JUL-2024	1.000000	332983402.50
JUN-24	AMR	30-JUN-2024	1.000000	324987912.19
MAY-24	AMR	31-MAY-2024	1.000000	317223600.13
APR-24	AMR	30-APR-2024	1.000000	309252194.30

- Please check and verify your PAN number, Email ID, Mobile No. mentioned on Bill. In case of any statutory/legal obligation the consumer will be solely responsible for the same.
- Pay your HT Bill with your HDFC Virtual Account No. which is mentioned at top of the bill. IFSC Code is HDFC0001240, Account name is MPPKVCL CO. LTD INDORE ONLINE HT COLLECT.
- Pay your HT Bill with your ICICI Virtual Account No. which is mentioned at top of the bill. IFSC Code is ICIC0000106, Account name is MPPKVCL HT Revenue Collection a/c. Account No. is your ICICI Virtual A/c No.
- The amount of this HT bill payable at HT Billing Cell Indore by SBI Collect/RTGS/NEFT in Favor of Collection a/c MPPKVCL HT REVENUE COLLECTION, INDORE. Account No.34846687179, IFSC code-SBIN0010527, Bank Name-State Bank of India, Branch-MPSEB Campus Branch Indore. [PART PAYMENT IS NOT ALLOWED IN THIS A/C]

5. After Making Payment, Please Inform the same on our email Id htcellmppkvvc1@gmail.com or on 0731-2426126(whatsapp)
6. Any inquiry/information may be sought on email id htcellmppkvvc1@gmail.com/0731-2426125.
7. For Billing Complaints, Nodal Officer Smt. Neetu Manjhi, Dy. Director(HT Billing Cell) may be reached at 0731-2426125 email htbillcomplaintmpwz@gmail.com
8. The bill is payable within the due date, even if consumer feels that there is a discrepancy and/or Clarification are called for, the consumer is requested to pay in full provisionally or under protest subject to subsequent adjustment.

Annexure-27

Photographs of Flame Arresters



Annexure-28
Details of solvent Recovery

Solvent Recovery(%) at Plant		
Sr No.	Solvent Name	% Recovery
1	IBD-II/Prop HCL (C) IPA	96-97%
2	IBD-II/Bisoprolol Fumarate IPA	97%
3	IBD-VI/AT/MEOH	95-96%
4	IBD-VI/LOPO/Acetone	96-97%
5	IBD-VII/LOPO/Acetone	94-95%
6	IBD-I/Metoprolol Succinate/Methanol	94-95%
7	IBD-XIV/Methanol/Chlorthalidone	94-95%
8	IBD-VII/IPA/Losartan Potassium(LB5)	95-96%
9	IBD-VII/IPA/Losartan Potassium(LB4)	94-95%
10	IBD-X/Acetone/Lumefantrine	96%
11	IBD-XII/Methanol/Artemether	95%
12	IBD-XII/n-Hexane/ α - β Arteether	92-94%
13	IBD-II/Prop HCL (C) IPA	96-97%
14	IBD-II/Bisoprolol Fumarate IPA	97%
15	IBD-VI/AT/MEOH	95-96%
16	IBD-VI/LOPO/Acetone	96-97%
17	IBD-VII/LOPO/Acetone	94-95%
18	IBD-I/Metoprolol Succinate/Methanol	94-95%
19	IBD-XIV/Methanol/Chlorthalidone	94-95%
20	IBD-VII/IPA/Losartan Potassium(LB5)	95-96%
21	IBD-VII/IPA/Losartan Potassium(LB4)	94-95%
22	IBD-X/Acetone/Lumefantrine	96%
23	IBD-XII/Methanol/Artemether	95%
24	IBD-XII/n-Hexane/ α - β Arteether	92-94%
25	IBD-II/Prop HCL (C) IPA	96-97%
26	IBD-II/Bisoprolol Fumarate IPA	97%

Annexure-29

Photographs of Hazardous Waste Storage Shed



Impervious Flooring



Smoke Detector



Spillage Collection Pit



Spill Control Kit



Office Of UJJAIN Collector/Fire Officer,
UJJAIN Division , RATLAM
Madhya Pradesh

अग्नि शमन प्रकोष्ठ
Fire Cell

अनापत्ति प्रमाण पत्र
No Objection Certificate

जावक क्रमांक / Dispatch Number : 6100003321/FNOC/COL/2022/2216
आवेदन की तिथि / Application Date : Dec 2, 2021 जावक की तिथि / Dispatch Date : 01-Mar-22
आवेदक का नाम / Applicant Name : IPCA LABORATORIES LTD IPCA LABORATORIES LTD

आवेदक का पता / Applicant Address : MANDSAUR-RATLAM HWY SEJAWTA, VILLAGE, RATLAM
RATLAM 457222

अनापत्ति प्रमाण पत्र का प्रकार / Type of NOC : TEMPORARY

अधिभोग का प्रकार / Type of Occupancy : Industrial Building/ औद्योगिक भवन

ईमारत का ऊंचाई / Building Height : 14 (मीटर में / Meter)

भूमि / भवन का क्षेत्रफल / Plot / Building Area: 317514 (Sq.Mtr)

संपत्ति का पता / Property Address : MANDSAUR-RATLAM HWY SEJAWTA, VILLAGE, RATLAM
RATLAM District Rural Area

अग्नि प्राधिकारी द्वारा अनुमोदित / Approved by Fire Authority :

विषय/Subject-

टिप्पणि / Remarks-

Office Of UJJAIN Collector/Fire Officer,
UJJAIN Division , RATLAM
Madhya Pradesh

अग्नि शमन प्रकोष्ठ

Fire Cell

अनापत्ति प्रमाण पत्र

No Objection Certificate

जावक क्रमांक / Dispatch Number . : 6100003321/FNOC/COL/2022/2216

आवेदन की तिथि / Application Date : Dec 2, 2021 जावक की तिथि / Dispatch Date : 01-Mar-22

आवेदक का नाम / Applicant Name : IPCA LABORATORIES LTD IPCA LABORATORIES LTD

Office Of UJJAIN Collector/Fire Officer,
UJJAIN Division , RATLAM
Madhya Pradesh

अग्नि शमन प्रकोष्ठ

Fire Cell

अनापत्ति प्रमाण पत्र

No Objection Certificate

जावक क्रमांक / Dispatch Number . : 6100003321/FNOC/COL/2022/2216

आवेदन की तिथि / Application Date : Dec 2, 2021 जावक की तिथि / Dispatch Date : 01-Mar-22

आवेदक का नाम / Applicant Name : IPCA LABORATORIES LTD IPCA LABORATORIES LTD

Office Of UJJAIN Collector/Fire Officer,
UJJAIN Division , RATLAM
Madhya Pradesh

अग्नि शमन प्रकोष्ठ
Fire Cell

अनापत्ति प्रमाण पत्र
No Objection Certificate

जावक क्रमांक / Dispatch Number . : 6100003321/FNOC/COL/2022/2216

आवेदन की तिथि / Application Date : Dec 2, 2021 जावक की तिथि / Dispatch Date : 01-Mar-22

आवेदक का नाम / Applicant Name : IPCA LABORATORIES LTD IPCA LABORATORIES LTD

UJJAIN Collector/Fire Officer,

UJJAIN Division , RATLAM
Madhya Pradesh

Annexure-32

Photographs of Bund Walls (Secondary Containment)





Ipcalaboratories Limited,Ratlam

ANNEXURE – V

Format No. : QA/35/2000/F05-R00

Annual Training Calendar

Department :- Formulation and API

Year - 2024

Annual Training Calendar for EHS

Month / Date	Topic	Targeted Group	Month / Date	Topic	Targeted Group	Month / Date	Topic	Targeted Group	Month / Date	Topic	Targeted Group
05/01/2024	EHS	Staff	02/02/2024	EHS	Staff	01/03/2024	EHS	Staff	05/04/2024	EHS	Staff
12/01/2024	EHS	Staff	09/02/2024	EHS	Staff	08/03/2024	EHS	Staff	12/04/2024	EHS	Workman
19/01/2024	EHS	Staff	16/02/2024	EHS	Workman	15/03/2024	EHS	Workman	19/04/2024	EHS	Staff
			23/02/2024	EHS	Staff	22/03/2024	EHS	Staff	26/04/2024	EHS	Staff
						29/03/2024	EHS	Workman			
03/05/2024	EHS	Staff	07/06/2024	EHS	Staff	05/07/2024	EHS	Staff	02/08/2024	EHS	Staff
10/05/2024	EHS	Workman	14/06/2024	EHS	Workman	12/07/2024	EHS	Workman	09/08/2024	EHS	Workman
17/05/2024	EHS	Staff	21/06/2024	EHS	Staff	19/07/2024	EHS	Staff	16/08/2024	EHS	Manager
24/05/2024	EHS	Workman	28/06/2024	EHS	Manager	26/07/2024	EHS	Workman	23/08/2024	EHS	Staff
31/05/2024	EHS	Staff							30/08/2024	EHS	Comm
06/09/2024	EHS	Manager	04/10/2024	EHS	Staff	08/11/2024	EHS	Staff	06/12/2024	EHS	Staff
13/09/2024	EHS	Workman	11/10/2024	EHS	Workman	15/11/2024	EHS	Workman	13/12/2024	EHS	Workman
20/09/2024	EHS	Staff	18/10/2024	EHS	Staff	22/11/2024	EHS	Staff	20/12/2024	EHS	Staff
27/09/2024	EHS	Workman	25/10/2024	EHS	Staff	29/11/2024	EHS	Staff	27/12/2024	EHS	Staff

Prepared By	
Sign.	
Date	25/12/2023
Name	R. Kymal West

Checked By	
Sign.	
Date	25/12/2023
Name	P. Pughler

Approved By	
Sign.	
Date	25/12/2023
Name	A. Goyal

Note : - Need base additional sessions can be planed

Annexure-34

Photographs of Vehicle Parking Area





Environmental, Health and Safety Policy

Environment, Health and Safety are an integral part of the Company's core business values. Ipca is committed to protect the environment and provide a secure work place to our employees & contractors for their Health & Safety. It is the responsibility of the management and its employees to protect its core values.

We are committed to:

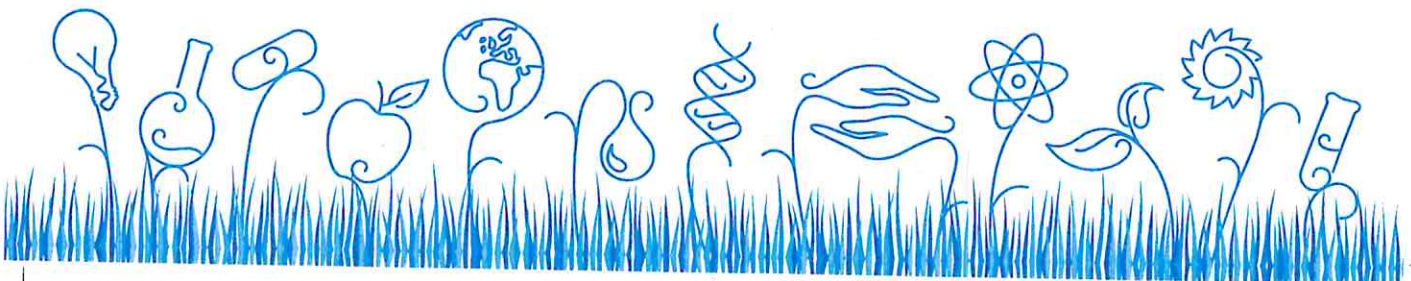
- ▶ Provide a safe work place and a healthy work environment to employees, contractors and visitors.
- ▶ Establish systems, policies, procedures and compliance monitoring to fulfill our compliance obligations and commitments on environment, health & safety.
- ▶ Promote environment protection and conservation of natural resources to reduce impact on the environment.
- ▶ Integrate environment, health and safety as an integral part of business for continual improvement of EHS management to enhance EHS performance.
- ▶ Consider concerns of stakeholders in management decisions.
- ▶ Build safety culture in operation and work continuously on elimination of hazards, risk reduction and EHS training.
- ▶ Set objectives, targets and key performance indicators that underpin the framework for continual improvement and business sustainability.

This policy shall be implemented across the organisation and communicated to all stakeholders.

Pranay Godha
Managing Director & CEO

Ajit Kumar Jain
Managing Director & CFO

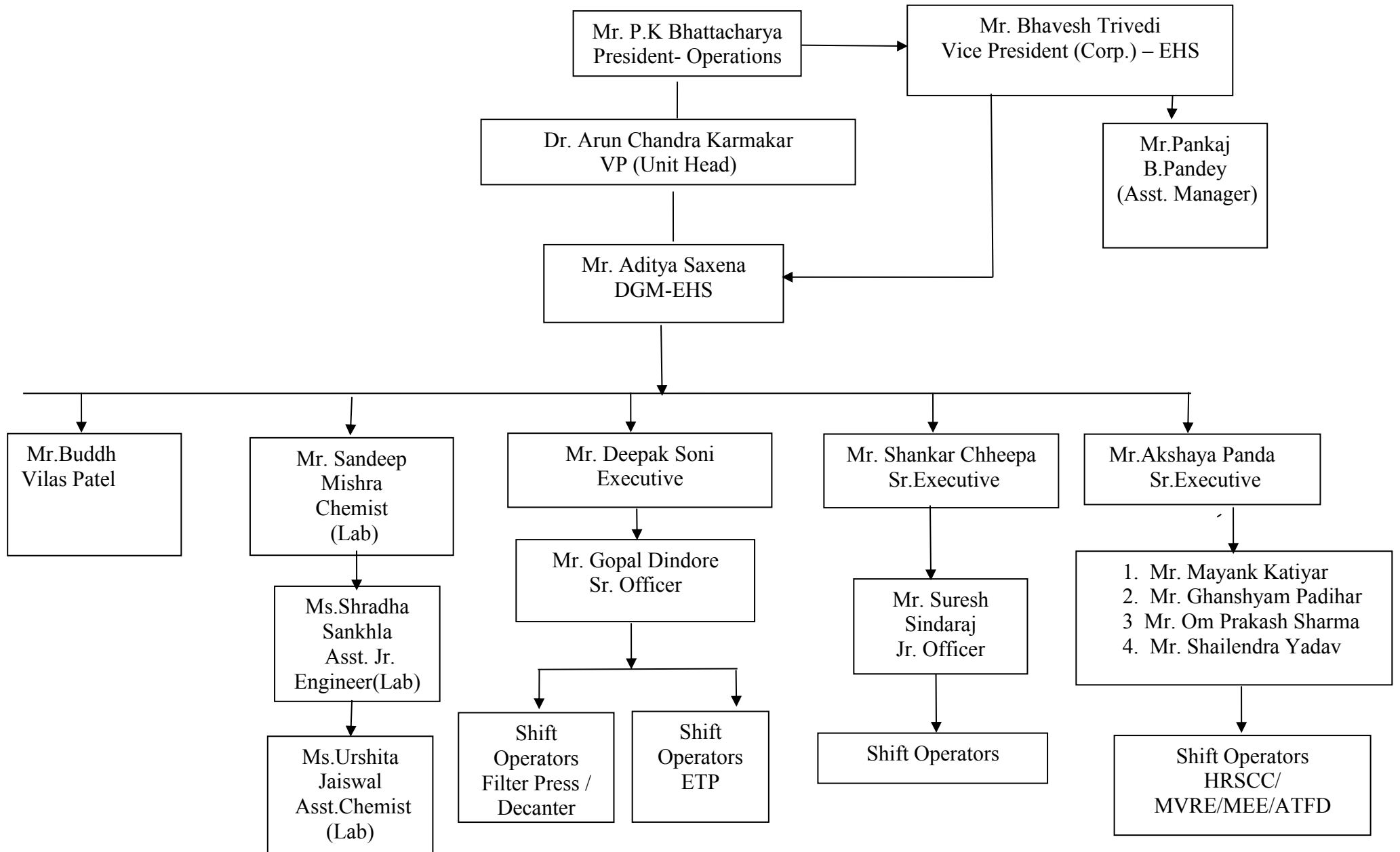
Date: 12th May, 2023



Annexure No. - 36

IPCA LABORATOIRES LIMITED, RATLAM

(Environment management cell)



Environmental Monitoring Work Execution Status																	
AZIS Lab																	
S.NO	Particular	Quantity per sampling	No. of monitoring/sampling as per month for FY 2024-25												Total Work Executed till	Total Qty as per WO	Work execution%
			Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25			
1	RO Feed	1	1	1	1	1	1	1	1	0	0	0	0	0	5	12	42%
2	RO Outlet	1	1	1	1	1	1	1	1	0	0	0	0	0	5	12	42%
3	MVRE Condensate	1	1	1	1	1	1	1	1	0	0	0	0	0	5	12	42%
4	STP Feed	1	1	1	1	1	1	1	1	0	0	0	0	0	5	12	42%
5	STP Outlet	1	1	1	1	1	1	1	1	0	0	0	0	0	5	12	42%
6	RO outlet bio assay	1	1	1	1	1	1	1	1	0	0	0	0	0	5	12	42%
7	Thermo pack(Fuel Heater (01 Nos)	1	1			1				0					2	4	50%
8	DG Stack's monitoring	8	8			8				0					16	32	42%
9	Boiler's Stack's monitoring	5	5			5				0					10	20	50%
10	Scrubber Monitoring	5	5			5				0					10	20	50%
11	Stack Monitoring area Incinerator	1	1			1				0					2	4	50%
12	Ambient air monitoring	4	4			4				0					8	16	50%
13	Composite Waste	1	1			1				0					2	4	50%
14	Incinerator Ash	1	1			1				0					2	4	50%
15	Soil Sample	1	1			1				0					2	4	50%
16	Borewell water sample(Pre & Post Monsoon)	4	4							0					4	8	50%
17	ETP inlet	1	1							0					1	2	50%
18	ETP outlet	1	1							0					1	2	50%
19	MVRE Feed/ Ro Reject	1	1							0					1	2	50%
20	Pizometer-1	1	1							0					1	2	50%
21	Pizometer-2	1	1							0					1	2	50%
22	Spent / Used Oil	1								0					0	1	0%
23	Distillation Residue	1								0					0	1	0%
24	Date Expired Discarded Medicine	1								0					0	1	0%
25	off Spec. Products	1								0					0	1	0%
26	Spent Ion Exchange Resin containing toxic	1								0					0	1	0%
27	Spent Solvents	1								0					0	1	0%
28	Oil & grease skimming residues	1								0					0	1	0%
29	Process Residues & Wastes	1								0					0	1	0%
30	Spent Catalyst	1								0					0	1	0%
31	Spent Carbon	1								0					0	1	0%
32	MEE/ATFD Salt Analysis	1								0					0	1	0%
33	Chemical Sludge From ETP	1								0					0	1	0%
34	Other water sample	1								0					0	20	0%
Over all work Execution Percent			44%												93	210	44%



The Oriental Insurance Company Limited

PUBLIC LIABILITY INDUSTRIAL POLICY SCHEDULE

Policy No. : 590000/48/2025/1297 **Prev. Policy No.** : 590000/48/2024/17
Cover Note No : - **Cover Note Date** : -
Insured's Code : 170808208 **Issuing Office code** : 590000
Insured's Name : IPCA LABORATORIES LIMITED **Issuing Office** : CBO 2 MUMBAI (GSTIN:
(GSTIN:27AAACI1220M2ZS) (GSTIN: 27AAACT0627R4ZW)
27AAACI1220M2ZS)
Address : PLOT NO.125, KANDIVALI **Address** : ORIENTAL HOUSE,
INDUSTRIAL ESTATE, KANDIVALI 7TH FLOOR,
(W) 7, J TATA ROAD
MUMBAI MAHARASHTRA 400020
MUMBAI MAHARASHTRA 400067
Tel./Fax/Email : / / 9323948850 / **Tel./Fax/Email** : 22830833/22897301 / 22852595 /
jagga.raju@ipca.com remadevi@orientalinsurance.co.in

Agent/Broker Details

Dev.Off.Code :
Agent/Broker :
Address :
Tel/Fax/Email : //

Period of Insurance : FROM 00:00 ON 01/07/2024 TO MIDNIGHT OF 30/06/2025
Collection No & Dt : CD A/C AB0000054501 **GST INVOICE NO** :2723181450 **UIN** :0
Gross Premium : 2,282,850 **GST** 410914 **Stamp Duty** : .5 **Total Prem** : 2,693,764
Coinsurance Details : NIL

Indemnity Limit : ANY ONE ACCIDENT **Rs.** 50,00,00,000.00
AGGREGATE DURING THE POLICY PERIOD : **Rs.** 50,00,00,000.00

Location No : 1 **Location Name** : As per list lodged with the
Address : As per sheet attached Company & attached to the policy.
MUMBAI
MAHARASHTRA - 400067

Retroactive Date : 01/07/2024

Territory/Jurisdiction : INDIA / INDIA

Territory/Jurisdiction : INDIA / INDIA

Place : MUMBAI
Date : 28/06/2024



IRDA-REGNO-556



The Oriental Insurance Company Limited

Attached to and forming part of policy number 590000/48/2025/1297

The Insurance under this policy is extended to cover risks of : NIL

Estimated Turnover In Transit

Indemnity Limit For Transportation

Indemnity Limit :	ANY ONE ACCIDENT	Rs.	50,00,00,000.00
	ANY ONE AGGREGATE DURING THE POLICY PERIOD	: Rs.	50,00,00,000.00

Transportation Pollution Cover

Pollution Cover

AOG Perils Cover

Transportation -Aog Perils

Runoff Cover

Inclusion Off Technical Colloborators Sec2

Inclusion Of Technical Collaborators

Transportation -Aog Perils

AOG Perils Cover

Effluent Discharge Cover-PLI

Total Premium in words : Indian Rupees Twenty-Six Lakhs Ninety-Three Thousand Seven Hundred Sixty-Four Only

Place : MUMBAI

Date : 28/06/2024



IRDA-REGNO-556



The Oriental Insurance Company Limited

Attached to and forming part of policy number 590000/48/2025/1297

The insurance under this policy is subject to conditions, clauses, warranties, exclusions which are available on Company's website: www.orientalinsurance.org.in or on demand from the policy issuing office.

In the event of a claim under the policy exceeding Rs. 1 lac or a claim for refund of premium exceeding Rs. 1 lac, the insured will comply with the provisions of the AML policy of the Company. The AML policy is available in all our operating offices as well as Company's website.

Exclusions :

The policy shall cover public liability claims only and no claim arising from product liability shall be admissible in the policy.

Other exclusions as per general, public liability and CGL treaty exclusions as follows:

- ¿ Radioactive contamination
- ¿ Patent and Trade Secret Infringement, with the exception of Advertising Injury covered under a General Liability insurance.
- ¿ Fines & Penalties uninsurable under the law.
- ¿ War, invasion, acts of foreign enemies including but not limited to, acts involving the use or operation. as a means of inflicting harm or causing loss, of any computer, computer system, software programme, malicious code, computer virus or process or any other electronic system, hostilities or warlike operations (whether war be declared or not), civil war, rebellion, revolution, insurrection, civil commotion assuming the proportions of or amounting to an uprising, military or usurped power.
- ¿ Nuclear Energy Risks
- ¿ Gradual Environmental Impairment Exclusion Clause
- ¿ North American Absolute Environmental Impairment Exclusion Clause
- ¿ Airlines, aircraft and airside operation of airports, including refuelling, control tower liability and construction and repair work within the airport perimeter.
- ¿ Workmen's Compensation Insurance.
- ¿ Any Electro Magnetic Fields (EMF) liability arising from Electric Utilities and Manufacturers of Mobile Phones.
- ¿ Public Liability of Indian Railways as a railway operator.
- ¿ Manufacturers and/or production and/or storage of fire works, fuses, ammunition, cartridges and explosives.

- ¿ Any liability arising from or in any way connected to the use or incorporation of, exposure to, contact with or contamination by asbestos (including claims expenses) whether incurred directly or indirectly.
- ¿ Financial Guarantee and Insolvency Insurance Policies
- ¿ Fiduciary liability unless incidental to operations
- ¿ Ocean marine liability including ship owner's liability
- ¿ Any liability arising out of: a) Mining processing manufacturing, distributing, storage and/or removal of pure asbestos and/ or products made entirely or mainly of asbestos. b) Use of product made entirely or mainly of asbestos
- ¿ Ownership operation and use of a) Aircraft and air cushioned vehicles including construction repair or installation work on aircrafts. b) Vessels including their navigation
- ¿ Motor insurance as per Motor Vehicles Act 1988 in India or equivalent in any other jurisdiction, with the exception of motor excess insurance.
- ¿ Manufacture and/ or production of: a) Fireworks, fuse (s), cartridges, ammunition, powder, nitroglycerine or any explosives. b) Toxic substances and toxic waste. However this exclusion is not applicable to Public Liability Act and Public Liability Industrial policies
- ¿ Mining risks other than "Drift" and/or "Open-cast" (applicable to General Public Liability only)
- ¿ Offshore related risks
- ¿ Underground and underwater mines, collieries, quarries and all underground services in connection therewith
- ¿ Aviation Risk
- ¿ Contractual Liability assumed by the Insured and which would not have attached in the absence of such contract
- ¿ Product Liability/Product Guarantee/Product Warranty/Product Recall
- ¿ Communicable Disease exclusion cause
- ¿ Cyber Exclusion Clause
- ¿ Perfluorinated compounds, perfluoroalkyl and polyfluoroalkyl substances (PFAS) Exclusion

Subject to

Place : MUMBAI

Date : 28/06/2024



IRDA-REGNO-556



The Oriental Insurance Company Limited

Attached to and forming part of policy number 590000/48/2025/1297

- ¿ Claims made - Right to defend
- ¿ Completed, signed, stamped and dated Proposal Form ;
- ¿ No known/reported, claims or circumstances as on inception date of the policy ;
- ¿ No higher limits to be purchased without prior written consent from Oriental Insurance
- ¿ In case any other policy covering same risk exists, this policy will act in contribution. This is not a deductible buyback for larger or global policy.

This is a Commercial General Liability (CGL) Policy

Policy Period : 01/07/2024 to 30/06/2025

Limit of Indemnity :Rs.50 crore each occurrence and in the aggregate

Territory / Jurisdiction : Worldwide incl. USA / Canada

Limit of Indemnity : Rs.50 crore each occurrence and in the aggregate AOA:AOY 1:1

COVERAGES :

Retroactive Date :

Public Liability ¿ 01/09/2004

For Rs.50,00,000/- 01-09-2004

For Next Increase of Rs.2.50 crores 01-09-2011

For Next Increase of Rs.75 lacs(AOA) 01-07-2013

For Next Increase of Rs.12 crores(AOY) 01-07-2013

For Next Increase of Rs.5 crores (AOY) 01-07-2014

For Next Increase of Rs.10 crs. (AOY) 01-07-2015

CGL ¿ 01/07/2017- Rs. 30 crs

01/07/2023 ¿ Rs 50 cr

subject to Narrower of applicable limits , Lower of applicable coverage, Evidence of expiring cover through until retroactive date

Deductible Rs 2,50,000 each & every claim

Coverage :

¿ Fire damage sublimit of Rs 1 Cr

¿ Medical expenses Rs.1,00,000/- per person and Rs 50 Lakh in the aggregate

¿ Defence costs included in limit of Liability.

¿ Designated premises Endorsement

¿ Act of god perils covered.

¿ Food and beverages covered ¿ sublimited 10% of Limit of Indemnity.

¿ Coverage of Lift Liability ¿ sublimited to 10% of Limit of Indemnity.

¿ Coverage for Cross Liability.

¿ 72 hour sudden & accidental pollution clause.

¿ Non-owned and hired automobile liability in excess of local motor TP act¿ sublimited to 10% of indemnity.

¿ Travel of executives of the Indian Insured anywhere in the world for non-manual business visits only.

¿ Terrorism coverage

¿ Discharge of effluents upto 5km.

¿ Transportation legal liability ¿ sublimited to 10% of Limit of Indemnity.

¿ Tenants Legal Liability- sublimit of Rs. 12.5 lacs : Rs. 50 lacs, AOA : AOY

¿ Incidental Medical Malpractice

¿ Events Liability

¿ Care, Custody & Control ¿ Sublimited to 10% of Limit of Indemnity.

¿ Treaty exclusions clause

Place : MUMBAI

Date : 28/06/2024



IRDA-REGNO-556



The Oriental Insurance Company Limited

Attached to and forming part of policy number 590000/48/2025/1297

Excess : 0.25% of AOA Limit with a maximum of Rs. 1,50,000/-

Voluntary Excess :

Financier Names are as per the list attached:

Not applicable

Warranted that in case of dishonour of premium cheque(s) the Company shall not be liable under the policy and the policy shall be void abinitio (from inception).

In witness whereof the undersigned being authorised by and on behalf of the Company has/have herein to set his/their hands at CBO 2 MUMBAI (GSTIN: 27AAACT0627R4ZW) on 28TH DAY OF JUNE 2024

Entered By : Ms WADEKAR SAILI S.

Examined By : Mrs.Sunita J.Ingle

Policy Printed By : 507784

IP :

Policy Printed On : 02-JUL-24 15:35:43


MAC :

Digitally Signed
By
Authorised Signatory

This is an electronically generated document (Policy Schedule).The Policy document duly stamped will be sent by post.

In case of any query regarding the Policy please call Toll Free No. 1800 11 8485 and 011 33208485.

CIN: U66010DL1947GOI007158 All the Amounts mentioned in this policy are in Indian Rupees

IRDA Regn. No. 556 - Now you can buy and renew selected policies online at www.orientalinsurance.org.in and through other digital platforms including Whatsapp (Send "Hi" to  9560711200)

Place : MUMBAI

Date : 28/06/2024



IRDA-REGNO-556

Environmental Monitoring Work Execution Status

SMS

Work order date 23.10.2017
 Work order no LOI-232/FY-2017-18
 work order value 2E+05
 Validity 23.10.2017 to 23.10.2018

Particular	No. of monitoring/sampling as per month for FY 2018												Total Work Executed till 22.08.2018	Qty as per WO	Work execution%
	Sept	Oct	Nov	Dec	Jan	Feb.	March	April	May	June	July	Aug			
Composite Waste			1			1			1			1	4	4	100%
Incinerator Ash			1			1			1			1	4	4	100%
Soil Sample			1			1			1			1	4	4	100%
RO FEED			1						1				2	2	100%
RO Outlet						1						1	2	2	100%
Stack Monitoring area Incinerator			1			1			1			1	4	4	100%
Ambient air monitoring												1	1	1	100%
Used Oil			1										1	1	100%
Evaporator Sludge			1										1	1	100%
Distillation Residue			1										1	1	100%
Date Expired Discarded Medicine			1										1	1	100%
Spent Ion Exchange Resin			1										1	1	100%
Spent Organic Solvents			1										1	1	100%
Oil & Grease Skimming Residue			1										1	1	100%
Residue & waste			1										1	1	100%
Spent Catalyst/Spent Carbon			1										1	1	100%
Chemical Sludge From ETP			1										1	1	100%
DG Stack's monitoring (5 Nos.)			1			1			2			1	5	5	100%
MVRE Condanset							1						1	1	100%
MVRE Feed/ Ro Reject							1						1	1	100%
Boiler's Stack's monitoring (5 Nos.)			1			1			1			1	4	4	100%
ETP -outlet			1										1	1	100%
STP-FEED-1			1										1	1	100%
STP-out let-1			1										1	1	100%
Billing Details	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	12	12	100%
Report Details	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	12	12	100%
Payment Details	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	12	12	100%
Over all work Execution Percent	100%												27	27	100%

Environmental Monitoring Work Execution Status

AZIS Lab

S.NO	Particular	Quantity per sampling	No. of monitoring/sampling as per month for FY 2023-24												Total Work Executed till	Total Qty as per WO	Work execution%
			Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24			
1	RO Feed	1	1	1	1	1	1	1	1	1	1	1	1	1	12	12	100%
2	RO Outlet	1	1	1	1	1	1	1	1	1	1	1	1	1	12	12	100%
3	MVRE Condensate	1	1	1	1	1	1	1	1	1	1	1	1	1	12	12	100%
4	STP Feed	1	1	1	1	1	1	1	1	1	1	1	1	1	12	12	100%
5	STP Outlet	1	1	1	1	1	1	1	1	1	1	1	1	1	12	12	100%
6	RO outlet bio assay	1	1	1	1	1	1	1	1	1	1	1	1	1	12	12	100%
7	Thermo pack(Fuel Heater (01 Nos)	1		1				1			1			1	4	4	100%
8	DG Stack's monitoring	8		8				8			8			8	32	32	100%
9	Boiler's Stack's monitoring	5		5				5			5			5	20	20	100%
10	Scrubber Monitoring	5		5				5			5			5	20	20	100%
11	Stack Monitoring area Incinerator	1		1				1			1			1	4	4	100%
12	Ambient air monitoring	4		4				4			4			4	16	16	100%
13	Composite Waste	1		1				1			1			1	4	4	100%
14	Incinerator Ash	1		1				1			1			1	4	4	100%
15	Soil Sample	1		1				1			1			1	4	4	100%
16	Borewell water sample(Pre & Post Monsoon)	4		4							4				8	8	100%
17	ETP inlet	1		1							1				2	2	100%
18	ETP outlet	1		1							1				2	2	100%
19	MVRE Feed/ Ro Reject	1		1							1				2	2	100%
20	Pizometer-1	1		1							1				2	2	100%
21	Pizometer-2	1		1							1				2	2	100%
22	Spent / Used Oil	1		1											1	1	100%
23	Distillation Residue	1		1											1	1	100%
24	Date Expired Discarded Medicine	1		1											1	1	100%
25	off Spec. Products	1		1											1	1	100%
26	Spent Ion Exchange Resin containing toxic metals	1		1											1	1	100%
27	Spent Solvents	1		1											1	1	100%
28	Oil & grease skimming residues	1		1											1	1	100%
29	Process Residues & Wastes	1		1											1	1	100%
30	Spent Catalyst	1		1											1	1	100%
31	Spent Carbon	1		1											1	1	100%
32	MEE/ATFD Salt Analysis	1		1											1	1	100%
33	Chemical Sludge From ETP	1		1											1	1	100%
Over all work Execution Percent			100%												210	210	100%

**फार्म फ /FORM F****नियम 50,51 और 54 देखें / (See Rules 50, 51 and 54)****Licence to store compressed gas in cylinders**अनुज्ञप्ति संख्या/ Licence No. : **G/HO/MP/06/173(G36517)**वार्षिक शुल्क/रू/Fee Rs. **4000/-** per year**M/s. M/s. Ipca Laboratories Ltd., P.O. Sejavta,Ratlam, Village/Town: Ratlam, City: Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, Pin: 457001** को नीचे वर्णित और रेखांक संख्या **G/HO/MP/06/173(G36517)** dated **24/04/2014** में दर्शित किए गए अनुज्ञप्त परिसर में, भारतीय विस्फोटक अधिनियम, 1884 (1884 का 4) और उसके अधीन बनाए गए नियमों के उपबंधों तथा इस अनुज्ञप्ति की अन्य शर्तों के अधीन रहते हुए, केवल संपीड़ित गैस से भरे सिलेण्डरों को रखने के लिए ही विधिमाम्य अनुज्ञप्ति दी जाती है। / Licence is hereby granted to **M/s. M/s. Ipca Laboratories Ltd., P.O. Sejavta,Ratlam, Village/Town: Ratlam, City: Ratlam, Taluka: Ratlam, District: RATLAM, State: Madhya Pradesh, Pin: 457001** valid only for the possession of cylinders filled with compressed gas in the licensed premises described below and shown in the plan No **G/HO/MP/06/173(G36517)** dated **24/04/2014** subject to the provisions of the Explosives Act, 1884(4 of 1884) and the Rules made thereunder and to the further conditions of this licence.यह अनुज्ञप्ति 30 सितम्बर 2033 तक प्रवृत्त रहेगी। / The Licence shall remain in force till the **30th September 2033**.For Chief Controller of Explosives
Nagpur
कृते मुख्य विस्फोटक नियंत्रक
नागपुर**April 24, 2014****अनुज्ञप्त परिसर का विवरण और अवस्थिति / DESCRIPTION AND LOCATION OF THE LICENSED PREMISES**निम्नलिखित विवरण के अनुसार सिलेण्डरों में भरी गैस रखने के लिए अनुज्ञप्त परिसर, जिसकी अभिन्यास सीमाओं और अन्य विशिष्टियों को संलग्न अनुमोदित रेखांक सं **G/HO/MP/06/173** dated **April 24, 2014** में दिखाया गया है, में अवस्थित है और जिसमें एक भण्डारण शेड है। / The licensed premises, the layout boundaries and other particulars of which are shown in the attached approved plan No. **G/HO/MP/06/173** dated **April 24, 2014** are situated at **Sejavta, Teh- Ratlam** and consists of a storage shed for possession of the gas contained in cylinders as described here under:

	गैस का प्रकार /Type of Gas	मात्रा /Quantity
a)	विषैले/ Toxic	--NIL--
b)	गैर विषैले और गैर ज्वलनशील /Non-Toxic and Non Flammable	--NIL--
c)	गैर विषैले और ज्वलनशील /Non-Toxic and Flammable	HYDROGEN - 270 Nos.
d)	घुलित एसिटिलीन गैस /Dissolved Acetylene Gas	--NIL--
e)	एलपीजी के अलावा गैर विषैले और ज्वलनशील द्रवित गैस /Non-Toxic & Flammable liquefiable gas other than LPG	--NIL--
f)	एलपीजी/ Liquefied Petroleum Gas	--NIL--

और प्लॉट संख्या PlotNo : **KH. No. 120/I** गली का नाम गांव : **Sejavta, Teh- Ratlam** या नगर पुलिस थाना : **Ratlam** जिला : **RATLAM**, राज्या : **Madhya Pradesh**. / and is situated at PlotNo : **KH. No. 120/I** Village/Town : **Sejavta, Teh- Ratlam** Police Station : **Ratlam** District : **RATLAM**, State: **Madhya Pradesh**.**नवीकरण के पृष्ठांकन के लिए स्थान / SPACE FOR ENDORSEMENT OF RENEWALS**

	नवीकरण की तारीख/Date of Renewal	समाप्ति की तारीख/Date of Expiry	अनुज्ञप्ति प्राधिकारी के हस्ताक्षर/Signature and stamp of the licensing authority
इस अनुज्ञप्ति को, विस्फोटक अधिनियम, 1884 या उसके अधीन बनाए गए गैस सिलेण्डर नियम, 2016 के उपबंधों या इस अनुज्ञप्ति की शर्तों का उल्लंघन न होने की दशा में, फीस में कोई छूट दिए बिना दस वर्ष तक नवीकृत किया जाएगा। /This licence shall be renewable without any concession in fee for ten years in the absence of contravention of the provision of the Explosives Act, 1884 or Gas Cylinders Rules, 2016, framed thereunder or of the conditions of the licence	06/10/2023	30/09/2033	Dr. M.I.Z. Ansari JCCE For Jt. Chief Controller of Explosives Bhopal

यदि अनुज्ञप्त परिसर इससे उपाबद्ध विवरण और शर्तों के अनुरूप नहीं पाया जाता है और जिन नियमों और शर्तों के अधीन यह अनुज्ञप्ति दी गई है, उनमें से किसी का उल्लंघन होता है तो यह अनुज्ञप्ति रद्द की जा सकती है और अनुज्ञप्ति का धारक कारावास से, जिसकी अवधि दो वर्ष तक की हो सकेगी, या जुर्माने से, जो तीन हजार रुपये तक का हो सकेगा, या दोनों से, दण्डनीय भी होगा। / This licence is liable to be cancelled if the licenced premises are not found conforming to the description and conditions attached hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable with imprisonment for the term which may extend to two years or with fine which may extend to three thousand rupees or with both.

Note:-This is system generated document does not require physical signature.

o/c

Date : 03/05/2022

To,

1. The SDM Ratlam (M.P.)
2. CEO, The Zila Panchayat, Ratlam (M.P.)
3. The Municipal Corporation, Ratlam (M.P.)
4. GM, District Trade and Industrial Centre, Ratlam
5. The Gram Panchayat, Village – Sejavta, Dist. Ratlam (M.P.)

Sub :- Environment Clearance received from SEIAA, MP (MOEF&cc, GOI).

Ref. :- Our EC No. EC22B021MP135943 dated 29/04/2022

This is to inform you that we have got an Environment Clearance from the State Environment Impact Assessment Authority (SEIAA), MP (Government of India Ministry of Environment and Forest & Climate Change) as on 29/04/2022 for our proposed expansion project for manufacturing of Pharmaceutical products (API & its Intermediates) at Plot No. 73, 74/1, 74/2, 76, 77/2, 77/3, 77/6, 77/7, 80/3, 80/6, 80/8, 80/9, 80/10/1, 80/8/2, 80/3/1, 80/9/1, 80/15/2, 98, 98/1, 99/1, 99/2, 99/3, 99/4, 99/5, 99/6, 99/7, 99/8, 99/9, 99/10, 99/11, 100, 101, 102, 102/1, 102/2, 103, 104/1, 115/3, 120/1122/1, 122/2, 123, 128/6, 128/9, 163/6, 163/8, 163/3/1, 163/3/2, 165/3, 165/4/1, 165/4/2, 165/19, 165/14, Village Sejavta, Dist. Ratlam, Madhya Pradesh- 457001,

Copy of the EC is enclosed herewith for your kind information and records.

Thanking you,

Yours faithfully
For Ipca Laboratories Ltd.,



(Dinesh Siyal)
VICE PRESIDENT (Comm.)

Encl. : As above

Copy To

1. The Regional Officer
M. P. Pollution Control Board, Ujjain (M.P.)
2. The Regional Officer, MoEF, Bhopal (M.P.)



पायल सिवाल
सरपंच
ग्राम पंचायत सेजावता
जव जि. रतलाम (म.प्र.)

o/c
Received
04/05/22
04-05-2022
आवक/जावक लिपिक
जिला व्यापार एवं उद्योग केन्द्र
रतलाम (म.प्र.) Ph. 07412-270439



04/05/22

Ipca Laboratories Ltd.
www.ipca.com