

Date : 4th December ' 2019

The Chief Conservator of Forests(Central)

Ministry of Environment and Forests,
Western Regional Office,
Kendriya Paryavaran Bhavan,
Link Road No-3, Ravi Shankar
Nagar Bhopal -462016

Sub: - Six Month EC compliance Report submission

Dear Sir,

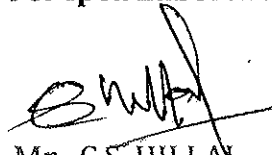
This has reference to your **EC letter No.J11011/352/2011-IAH(I)** dated 15.07.2015 ,MOEF.
In this regard we are submitting here with the status of compliance of the stipulated
Environment Clearance Conditions for the
period of **June '2019 to November '2019**

We hope you will find the same in order.

Kindly acknowledge the same.

Thanking you,

Yours faithfully,
For Ipca Laboratories Ltd.



Mr. C.S. HILLAL

no enc (Sr.GM-Operations & Unit Head)

Encl : As above

Cc : The Member secretary, MPPCB Bhopal
Cc : The Member secretary, SEIAA Bhopal

Ipca Laboratories Ltd. Indore
EC General Condition Compliance

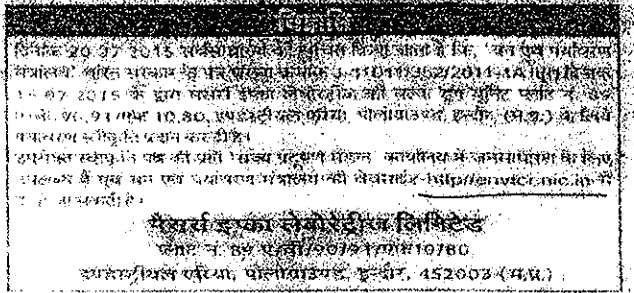
For the period of June ' 2019 to November ' 2019


S. No	Conditions of Environment Clearance	Status of Compliance														
A	Specific Conditions															
1	The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board (MPPCB), State Government and any other statutory authority.	We are following strictly all stipulation made by the MP Pollution control Board (MPPCB) As per attached Consent compliance Annexure-8														
2	No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviation or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of condition imposed and to add additional environment protection measures required, if any.	We assured you that No Expansion or Modification will be start without prior permission to MPPCB and Ministry of Environment and Forests.														
3	The National Ambient Air Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16 November, 2009 shall be followed.	<p>National Emission Standards are being followed and accordingly regular monitoring of ambient air, boiler stack ,DG stack & effluent is being done by MPPCB and approved NABL lab (M/s SMS Envirocare) on quarterly basis. Apart from that we are also monitoring PM-10, PM 2.5, Sox & Nox parameter through In house environmental lab. Monthly analysis results being submitted to MPPCB ,Regional Office Indore.</p> <table><tr><th rowspan="2">PARAMETERS</th><th rowspan="2">PERMISSIBLE LIMIT</th><th colspan="2">RESULTS</th></tr><tr><th>AAQ-1</th><th>AAQ-2</th></tr><tr><td>Particulate Matter (PM₁₀)</td><td>100ug/m³</td><td>75.5</td><td>76.3</td></tr><tr><td>Particulate Matter (PM_{2.5})</td><td>60ug/m³</td><td>35.1</td><td>35.1</td></tr></table>	PARAMETERS	PERMISSIBLE LIMIT	RESULTS		AAQ-1	AAQ-2	Particulate Matter (PM ₁₀)	100ug/m ³	75.5	76.3	Particulate Matter (PM _{2.5})	60ug/m ³	35.1	35.1
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4.	The location of ambient air quality monitoring stations shall be decided in consultation with MP State Pollution Control Board (MPPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentration are anticipated.	Ambient air quality monitoring station has been installed at DIC building with the direction of MPPCB . And we have also installed a LED board at public place for display real time ambient air quality data in public interest.																																											

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5.	<p>The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act,1986 Rules,1989 viz. 75 dBA (day time) and 70dBA (night time).</p>	<p>The overall noise level in and around the plant is being maintained by providing acoustic enclosure on DG Sets and regular preventive maintenance schedule of all equipments so that machinery /equipment noise level shall be minimum.</p> <p>Noise level monitoring through NABL approved lab being conducted on quarterly for day and night. Apart from that we are monitoring monthly noise level through in-house lab facility (Sound meter) inside and out side the plant</p> <p>Noise Monitoring reports are attached as Annexure-9)</p> <table><tr><th rowspan="2">SAMPLING LOCATION</th><th rowspan="2">DAY TIME</th><th rowspan="2">NIGHT TIME</th><th colspan="2">CPCB STANDARDS</th></tr><tr><th>DAY TIME</th><th>NIGHT TIME</th></tr><tr><td>Main Gate</td><td>68.8</td><td>45.9</td><td>75</td><td>70</td></tr><tr><td>Near DG Set</td><td>74.4</td><td>48.4</td><td>75</td><td>70</td></tr><tr><td>ETP Area</td><td>74.0</td><td>68.7</td><td>75</td><td>70</td></tr></table>	SAMPLING LOCATION	DAY TIME	NIGHT TIME	CPCB STANDARDS		DAY TIME	NIGHT TIME	Main Gate	68.8	45.9	75	70	Near DG Set	74.4	48.4	75	70	ETP Area	74.0	68.7	75	70
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6.	<p>The Company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous waste (Management, Handling and Trans-boundary Movement) Rules, 2008 and its amendment time to time and prior permission from MPPCB shall be obtained for disposal of solid / hazardous waste including boiler ash.</p>	<p>We have received Hazardous Waste authorization as per Hazardous waste (Management, Handling and Trans-Boundary Movement) Rules, 2016</p> <p>Authorization No- H 49363 (valid up to-30/11/2023)</p>																						
7.	<p>During transfer of material, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic waste water and storm water drains.</p>	<p>We have made gland tray arrangement to collect spillage during material transfer by pump . Dyke wall arrangement is also available on chemical storage tanks so that mixing of accidental spillages with domestic waste water and storm water drains shall be avoided. For minor spillage we have provided spill control kit to all production unit and also having Written procedure to control the spillage as per SOP-GMP-IND-EN-30/2016 (Spillage control & Containment)</p>																						

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8	Usage of Personnel Protection Equipments by all employees/workers shall be ensured.	We are following ISO 45001:2018 International safety standard at site and covered all process activity in HIRA. (Hazard Identification and Risk Assessment) Accordingly we have made PPE'S matrix as per activity chart. We have also a procedure to carryout monthly basis PPE'S audit.
9	Training shall be imparted to all 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.	<p>All employees are recruited at the site after attending classroom training on EHS as well as respective departments SOP's. Apart from this regular training is also imparted to all employee (Training calender is available)</p> <p>We are conducting regular health checkup of our employee with following health test.</p> <ul style="list-style-type: none"> ➤ General Check Up ➤ Pathological ➤ Pulmonary Function Test ➤ X - Ray ➤ Ophthalmic Examinations ➤ Audiometry ➤ General Fitness
10.	The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	We have CSR policy and actions are being taken accordingly time to time. Year wise expenditure details are given as per Annexure-6
11.	The company shall undertake Eco-development measures including community welfare measures in the project area for the overall improvement of the environment.	We have installed Continuous Ambient Air Monitoring Station near by project area for monitoring of Ambient emission level in same area. Ambient air quality real time parameter being displayed at public place
12.	A separated Environment Management Cell equipped with full fledged laboratory facilities shall be set up carry out the Environment Management and Monitoring functions	We have separate EHS team and full fledged laboratory for environment management and monitoring. As per Annexure-7


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13.	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad/Municipal Corporation Urban local Body and the local NGO, if any, from who suggestions/representations, if any were received while processing the proposal.	Letter sent on 24.07.15 to all concern . Copy of the same is being attached as Annexure-10
14.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environment Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the MP Pollution Control Board. A copy of Environment Clearance and six monthly compliance status reports shall be posted on the website of the company.	Last report submitted to MOEF and CPCB on 19th June '2019 for the period of (December '18 to May '19)
15.	The Environment statement for each financial year ending 31 March in Form-V as is mandated shall be submitted to the Madhya Pradesh State Pollution 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 environmental clearance conditions and shall also be sent to the Bhopal Regional Offices of MoEF by e-mail.	Regularly submitting statement to MPPCB. The last statement was sent on 04/09/2019
16.	The project proponent shall inform the public that the project has been accorded environment clearance by the Ministry and copies of the clearance letter are available with the CPCB/ Committee and may also be seen at website of the ministry at http://moef.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspaper that are widely circulated in the region of which one shall in the vernacular language of the locality concerned and a	<p>Granted EC information published in news paper in dual language and same is also available on the website of http://envfor.nic.in</p> 

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	copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	 <p>PUBLIC NOTICE</p> <p>We, M/s IPCA Laboratories LTD. hereby bring into the notice of general public that the Ministry of Environment and Forest, Govt. of India has granted Environmental Clearance for the proposed expansion for manufacturing of Pharmaceutical products (Bulk Drug) at Plot No. 89 A/B 90, 91, F-10, 80 Industrial Estate, Polo ground, INDORE - 452003 (M.P.) M/s IPCA Laboratories LTD. Vide Letter No. J-11011/362/2011-1A II(i) Dated 15/07/15. The copy of the environmental clearance letter is available with M.P. Pollution Control Board and may also be seen on website of MPED on http://envlor.nic.in</p> <p>M/s IPCA Laboratories LTD. Plot No. 89 A/B 90, 91, F-10, 80 Industrial Estate Polo ground, INDORE- 452003 (M.P.)</p>
17.	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by concerned authorities and the date of start of the project.	We have obtained CTO from MPPCB valid up to 2020 (AWH 47322)

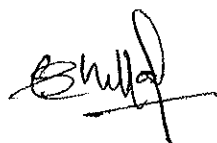
Ipca Laboratories Ltd. Indore
EC Specific condition Compliance

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1	National Emission Standards for Organic Chemicals Manufacturing industry issued by the Ministry vide G.S.R. 608(E) DATE 21 st July, 2010 and amended time to time shall be complied by the unit.	<p>National Emission Standards are being followed and accordingly regular monitoring of ambient air, boiler stack ,DG stack & effluent is being done by MPPCB and approved NABL lab (M/s SMS Envirocare) on quarterly basis. Apart from that we are also monitoring PM-10, PM 2.5, Sox & Nox parameter through In house environmental lab. Monthly analysis results being submitted to MPPCB ,Regional Office Indore.</p> <table><tr><th rowspan="2">PARAMETERS</th><th rowspan="2">PERMISSIBLE LIMIT</th><th colspan="2">RESULTS</th></tr><tr><th>AAQ-1</th><th>AAQ-2</th></tr><tr><td>Particulate Matter (PM₁₀)</td><td>100ug/m³</td><td>75.5</td><td>76.3</td></tr><tr><td>Particulate Matter (PM_{2.5})</td><td>60ug/m³</td><td>35.1</td><td>35.1</td></tr><tr><td>Sulphur Dioxide(SO₂)</td><td>80ug/m³</td><td>15.3</td><td>17.0</td></tr><tr><td>Oxides of Nitrogen(NO_x)</td><td>80ug/m³</td><td>19.8</td><td>21.0</td></tr><tr><td>CO</td><td>2mg/m³</td><td>0.15</td><td>0.21</td></tr><tr><td>Ozone(O₃)</td><td>100ug/m³</td><td>BDL</td><td>BDL</td></tr><tr><td>Lead (Pb)</td><td>0.5ug/m³</td><td>BDL</td><td>BDL</td></tr><tr><td>Ammonia (NH₃)</td><td>400ug/m³</td><td>BDL</td><td>BDL</td></tr><tr><td>Benzene</td><td>5ug/m³</td><td>BDL</td><td>BDL</td></tr><tr><td>Benzo(a)Pyrene(BaP)</td><td>1ng/m³</td><td>BDL</td><td>BDL</td></tr><tr><td>Arsenic (As)</td><td>6ng/m³</td><td>BDL</td><td>BDL</td></tr><tr><td>Nickel(Ni)s</td><td>20ng/m³</td><td>BDL</td><td>BDL</td></tr></table> <p>Ambient Air Quality Monitoring results are given as below (Annexure-1):</p>	PARAMETERS	PERMISSIBLE LIMIT	RESULTS		AAQ-1	AAQ-2	Particulate Matter (PM ₁₀)	100ug/m ³	75.5	76.3	Particulate Matter (PM _{2.5})	60ug/m ³	35.1	35.1	Sulphur Dioxide(SO ₂)	80ug/m ³	15.3	17.0	Oxides of Nitrogen(NO _x)	80ug/m ³	19.8	21.0	CO	2mg/m ³	0.15	0.21	Ozone(O ₃)	100ug/m ³	BDL	BDL	Lead (Pb)	0.5ug/m ³	BDL	BDL	Ammonia (NH ₃)	400ug/m ³	BDL	BDL	Benzene	5ug/m ³	BDL	BDL	Benzo(a)Pyrene(BaP)	1ng/m ³	BDL	BDL	Arsenic (As)	6ng/m ³	BDL	BDL	Nickel(Ni)s	20ng/m ³	BDL	BDL
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		<p><u>Treated Effluent Analysis Carried out by MPPCB:-</u></p> <p>Summary of 5 months Average (,June,July,August ,September & October 2019) RO Outlet Monitoring results are given as below as per</p> <p>Annexure-2</p> <table><tr><th rowspan="2">Parameter</th><th rowspan="2">Permissible Limit</th><th colspan="3">Results</th></tr><tr><th>Max.</th><th>Min.</th><th>Average</th></tr><tr><td>pH</td><td>5.5 to 9</td><td>7.49</td><td>6.40</td><td>6.80</td></tr><tr><td>Total Dissolved Solids (mg/l)</td><td>2100</td><td>188.0</td><td>51.0</td><td>125.0</td></tr><tr><td>Suspended Solids (mg/l)</td><td>100</td><td>6.0</td><td>3.0</td><td>4.0</td></tr><tr><td>BOD (3 days at 27°C) (mg/l)</td><td>30</td><td>1.0</td><td>0.3</td><td>0.6</td></tr><tr><td>COD (mg/l)</td><td>250</td><td>16.0</td><td>5.88</td><td>9.50</td></tr><tr><td>Chloride (mg/l)</td><td>1000</td><td>29.35</td><td>11.70</td><td>17.6</td></tr></table> <ul style="list-style-type: none">• Reports of Ambient Air is attached as (ANNEXURE-1)• Reports of ETP outlet is attached as (ANNEXURE-2)	Parameter	Permissible Limit	Results			Max.	Min.	Average	pH	5.5 to 9	7.49	6.40	6.80	Total Dissolved Solids (mg/l)	2100	188.0	51.0	125.0	Suspended Solids (mg/l)	100	6.0	3.0	4.0	BOD (3 days at 27°C) (mg/l)	30	1.0	0.3	0.6	COD (mg/l)	250	16.0	5.88	9.50	Chloride (mg/l)	1000	29.35	11.70	17.6
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	Bag filter shall be provided to the boiler to control particulate emissions within permissible limit. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/MPPCB guidelines.	<p>Efficient Bag filters are installed . Adequate height of chimneys on both boiler and thermo pack are available as per norms. Copy of stack analysis report by NABL approved laboratory is being attached as per Annexure No -3. Same Quarterly Avg Results also given below:</p> <table><tr><th>PARTICULARS</th><th>RESULTS</th></tr><tr><td>Stack attached with</td><td>Boiler(5.0 Ton)</td></tr><tr><td>Sampling Time</td><td>30 min</td></tr><tr><td>Ambient Temperature</td><td>26.0 °C</td></tr><tr><td>Flue Gas Temperature</td><td>142 °C</td></tr><tr><td>Fuel Use</td><td>Coal</td></tr><tr><td>Total Particulate Matter (TPM)</td><td>75.0 mg/Nm³</td></tr><tr><td>Sulphur Dioxide (SO₂)</td><td>65.4 mg/Nm³</td></tr><tr><td>Oxides of Nitrogen (NO_x)</td><td>41.4 mg/Nm³</td></tr><tr><td>Carbon Monoxide (CO)</td><td>2.6 mg/Nm³</td></tr></table>	PARTICULARS	RESULTS	Stack attached with	Boiler(5.0 Ton)	Sampling Time	30 min	Ambient Temperature	26.0 °C	Flue Gas Temperature	142 °C	Fuel Use	Coal	Total Particulate Matter (TPM)	75.0 mg/Nm ³	Sulphur Dioxide (SO ₂)	65.4 mg/Nm ³	Oxides of Nitrogen (NO _x)	41.4 mg/Nm ³	Carbon Monoxide (CO)	2.6 mg/Nm ³
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3	<p>Two stage chilled water/ caustic scrubber should be provided to process vent to control HCl.</p> <p>Two stage scrubbers with caustic lye media solution should be provided to process vent to control SO₂.</p> <p>The scrubbing media should be sent to effluent treatment plant (ETP) for treatment.</p> <p>Efficiency of scrubber should be monitored regularly and maintained properly.</p> <p>At no time, the emission levels should go beyond the prescribed standards.</p>	<p>Two stage chilled water/caustic scrubber is provided to process vents to control HCl.</p> <p>Suitable Scrubbers available as per CPCB Guidelines.</p> <p>Two stage scrubbers with caustic lye media solution is provided to process vents to control HCl. Scrubbing media is sent to ETP for further treatment.</p> <p>Efficiency of scrubber being monitored regularly . Dedicated procedures are there and monitoring records are maintained. Scrubber Monitoring record are below as per (Annexure-4)</p>																				



S. No	Conditions of Environment Clearance	Status of Compliance																										
	At no time, the emission levels should go beyond the prescribed standard. Air emission should be monitored through online(24*7) monitoring system and data to be uploaded on company's website and also provided to concerned SPCB & RO Of MEF&CC	<table><thead><tr><th>PARTICULATERS</th><th>SCRUBBER STACK (PLANT NO.1)</th><th>SCRUBBER STACK (PLANT NO.5)</th></tr></thead><tbody><tr><td>Stack attached with</td><td>Product 4,7 Dichloroquinoline & connect with reactor GLR-202 B/GLR-202D</td><td>Product AMQ HCl connected with reactor CLR-702 B, HCCF.703 D/E & HCCF.705 C/D</td></tr><tr><td>Sampling Time</td><td>20 min</td><td>20 min</td></tr><tr><td>Ambient Temp</td><td>29 °C</td><td>29 °C</td></tr><tr><td>Flue Gas Temp</td><td>26 °C</td><td>26 °C</td></tr><tr><td>Total Particulate Matter (TPM)</td><td>1.2 mg/Nm³</td><td>1.4 mg/Nm³</td></tr><tr><td>Sulphur Dioxide (SO₂)</td><td>Nil</td><td>Nil</td></tr><tr><td>HCl Fumes</td><td>0.07 ug/m³</td><td>0.06 ug/m³</td></tr></tbody></table> <p>The emission levels is not going beyond the prescribed standards. As per CPC guidelines (B-29016/04/06/PCI/5401 dated 05.02.2014) for 17 category of Industries this condition is exempted for Pharma Industry ,accordingly we took amendment in our EC as per application dated Ipca/Indore/EC/027 . MoM also available .</p>			PARTICULATERS	SCRUBBER STACK (PLANT NO.1)	SCRUBBER STACK (PLANT NO.5)	Stack attached with	Product 4,7 Dichloroquinoline & connect with reactor GLR-202 B/GLR-202D	Product AMQ HCl connected with reactor CLR-702 B, HCCF.703 D/E & HCCF.705 C/D	Sampling Time	20 min	20 min	Ambient Temp	29 °C	29 °C	Flue Gas Temp	26 °C	26 °C	Total Particulate Matter (TPM)	1.2 mg/Nm³	1.4 mg/Nm³	Sulphur Dioxide (SO₂)	Nil	Nil	HCl Fumes	0.07 ug/m³	0.06 ug/m³
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4	Ambient air quality data shall be collected as per NAAEQS standards notified by the Ministry vide G.S.R. No. 826(E) dated 16 September, 2009. The level of PM10, PM2.5, SO2, NOX, VOC, CO, HCL shall be monitored in the ambient air and emission from the stacks and displayed at convenient location near the main gate of the company and at important public places. The company shall upload the results of monitored data on its website and shall update the same periodically. It	<p>Ambient Air Monitoring data being collected regularly by MPPCB Regional Lab Indore and NABL approved lab . Monitoring results are being displayed at Main gate and also displayed continuous ambient air monitoring station results on main road at public place .Apart from this</p> <p>We procured real time monitoring station in order to comply the requirement on line monitoring but MPPCBB advised us to install the same at District Industrial Corporation Center (DIC) office as size of our Plant is too small . Sole purpose of utilizing our m/c for entire Pologround Industrial area air quality monitoring .</p> <p>Copy of these results are being shared with Regional office of Indore , Member secretary office Bhopal ,and zonal office CPCB</p>																										



S. No	Conditions of Environment Clearance	Status of Compliance
	shall simultaneously be sent to the Regional office of MOEF, the respective zonal office of CPBP and MP Pollution Control Board (MPPCB).	
5.	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw material storage area etc. Shall be regularly monitored. The emissions shall conform to the limits stipulated by the MPPCB.	<p>In order to control fugitive emissions materials / chemicals are handled in closed system and in closed powder processing areas .</p> <p>Suitable dust extractor and collection systems are provided in Powder Process areas. However dust in Boiler area is very minimal as capacity of Boiler is hardly 5 MT / hr. We time to time sprinkle water for dust pression and keep the housekeeping of the area in order .</p> <p>All emissions are within stipulated limits of MPPCB.</p>
6.	For further control of fugitive emissions, following steps shall be followed :-	
(i)	Closed handling system shall be provided for chemicals.	1. Yes we have closed handling system for chemicals i.e. storage tank pumps and pipelines with day storage tank.
(ii)	Reflux condenser shall be provided over reactor.	2. Yes it is available on each reactor .
(iii)	System of leak detection and repair of pump/pipeline based on preventive maintenance.	3. We have preventive maintenance schedule for all the equipments installed at site for addressing the issues of leakages & repairs .All Acid are handled in closed system through tanks and pipelines
(iv)	The acids shall be taken from storage tanks to reactors through closed pipeline. Storage tanks shall be	4. All Acid are handled in closed system through tanks and pipelines



S. No	Conditions of Environment Clearance	Status of Compliance					
(v)	vented through trap receiver and condenser operated on chilled water. Cathodic protection shall be provided to the underground solvent storage tanks.	5. Cathodic protection is provided on both the tanks of underground solvent tanks which is installed as per PESO guidelines and licenses					
7.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	Adequate stack height (10.8 mtrs) is provided for all the DG sets . Stack Emission is being monitored by third party and MPPCB regional lab Indore as per Annexure-5 Similarly suitable acoustic enclosures are provided .					
8.	Solvent management shall be carried out as follows: <table><tr><td>A) Reactor shall be connected to chilled brine condenser system.</td></tr><tr><td>B) Reactor and solvent handling pump shall have mechanical seals to prevent leakages.</td></tr><tr><td>C) The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.</td></tr><tr><td>D) Solvents shall be stored in a separate space specified with all safety measures.</td></tr><tr><td>E) Proper earthing shall be provided in all the electrical equipments wherever solvent handling is done.</td></tr></table>	A) Reactor shall be connected to chilled brine condenser system.	B) Reactor and solvent handling pump shall have mechanical seals to prevent leakages.	C) The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.	D) Solvents shall be stored in a separate space specified with all safety measures.	E) Proper earthing shall be provided in all the electrical equipments wherever solvent handling is done.	A. Reactors condensers are connected with necessary cooling arrangement like Brine, Chilling, Cooling water etc. B. Mechanical seal pumps are used for handling of solvent. C. For effective recovery efficient condensers has been installed after calculating required HTA . D. Solvent are stored separately in licensed premises as per PESO norms . E. Proper earthing has been provided to all equipments and regular inspections are done to maintain continuity.
A) Reactor shall be connected to chilled brine condenser system.							
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S. No	Conditions of Environment Clearance	Status of Compliance																															
	<div>F)Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.</div> <div>g) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.</div>	<p>F. All electrical fitting are flame proof in all flammable areas /Zone. Solvent storage tanks has been provided with suitable safety systems like flame arrestors, fire hydrant system etc. Breather valves are also provided in solvent storage tank .</p> <p>G. Our solvent tanks are underground thus solvent losses are well within the limits .</p>																															
09	Industrial waste water generation shall not exceed 168m3/day. Trade effluent shall be segregated into High COD/TDS and low COD/TDS effluent streams. High TDS/COD should be passed through RO system. Condensate and treated in STP. 'Zero' effluent discharge should be adopted and no effluent will be discharged outside the premises.	<p>We are generating consented limit of waste water . The flow is monitored through on line flow meter and also uploaded on CPCB/MPPCB Portal for online view/Monitoring. Our plant is followed Zero' effluent discharge norms .</p> <p>Six Months i.e(June '19 to November '19) waste water generation is as under.</p> <table><tr><th rowspan="2">Month</th><th colspan="3">Average Treated Effluent (kl/day))</th></tr><tr><th>ETP</th><th>MEE</th><th>Total</th></tr><tr><td>June,19</td><td>93.3</td><td>19.0</td><td>112.0</td></tr><tr><td>July,19</td><td>86.8</td><td>18.0</td><td>104.8</td></tr><tr><td>August '19</td><td>90.4</td><td>20.0</td><td>110.4</td></tr><tr><td>September '19</td><td>93.0</td><td>19.0</td><td>112.0</td></tr><tr><td>October '19</td><td>80.0</td><td>15.0</td><td>95.0</td></tr><tr><td>November '19</td><td>88.0</td><td>16.0</td><td>104.0</td></tr></table>	Month	Average Treated Effluent (kl/day))			ETP	MEE	Total	June,19	93.3	19.0	112.0	July,19	86.8	18.0	104.8	August '19	90.4	20.0	110.4	September '19	93.0	19.0	112.0	October '19	80.0	15.0	95.0	November '19	88.0	16.0	104.0
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S. No	Conditions of Environment Clearance	Status of Compliance
10	Automatic/online monitoring system (24*7 monitoring devices) for flow measurement and relevant pollutants in the treatment system to be installed. The data to be made available to the respective SPCB and in the Company's website.	Our site is a Zero discharge facility. As per CPCB guidelines for online continuous monitoring system for effluents dated 07.11.2014 such plants does not requires online monitoring of different parameters rather they can provide online flow meter and camera, which is already provided and connected with CPCB / MPPCB Server
11	Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	Storm water drain constructed and it is ensured that waste water is not mixing in it . Storm water management is done through gate valves after due checking of quality of storm water .
12	Hazardous chemicals shall be stored in tanks. Tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm. Solvent transfer shall be by pumps.	All liquid Hazardous chemicals are stored in tanks. Tank farms, drums, carboys etc. Flame arresters are provided on tank farm. Solvent are being transferred by pumps.
13	High calorific value waste viz. Process organic residue and spent carbon shall be sent to cement industries. Inorganic & evaporation salt and ETP sludge and incinerator ash shall be disposed off to the TSDF. The fly ash from boiler shall be sold to brick manufactures /cement industry. Waste oil and used batteries will be sold to authorized recyclers/re-processors.	(I) High calorific value waste like process organic waste being sent to cement plant and rest are being disposed as per hazardous waste management handling rule 2016 authorization grant to us as per authorization No H-49363 valid up to 2023 (II) Fly ash from boiler is being sent to Brick Manufacturer as per CPCB guideline.



S. No	Conditions of Environment Clearance	Status of Compliance
14	The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date for management of hazardous wastes and prior permission from MPPCB shall be obtained for disposal of solid /hazardous waste in the TSDF. Measures shall be taken for firefighting facilities in case of emergency.	We have received Hazardous Waste authorization No. H-49363 valid up to 2023 as per Hazardous waste (Management, Handling and Trans-Boundary Movement) Rules, 2016
15	The company shall strictly comply with the rules and guideline under manufacture, Storage and import of Hazardous chemical (MSIHC) Rules, 1989 as amended time to time .All transportation of Hazardous chemical shall be as per motor vehicle Act (MVA), 1989.	Our chemical storage quantities are very less thus conditions of manufacture, Storage and import of Hazardous chemical (MSIHC) Rules, 1989 does not applicable on us . However we take all necessary precautions as responsible Chemical manufacturer
16	Fly ash shall be stored separately as per CPCB guideline so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash & dust shall be avoided.	Capacity of our Boiler is hardly 5Mt/hr and we hardly generate 5-6 kg of ash /hr .Same is being collected in closed drums through automatic valve from the dust collector bottom hopper . Finally it is disposed off to brick manufacturer in closed vessel .
17	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 fire hydrant system with equipped foam monitor and auto sprinkler system on solvent storage tank.
18	Occupational health surveillance of the worker shall be done on regular basis and records maintained as per the Factories Act.	We have dedicated OHC facility with fully equipped arrangement. Periodically health checkup is also being conducted at site with following examination.

Bhalla

S. No	Conditions of Environment Clearance	Status of Compliance																		
		<ul style="list-style-type: none"> ➤ General Check Up ➤ Pathological ➤ Pulmonary Function Test ➤ X - Ray ➤ Ophthalmic Examinations ➤ Audiometry ➤ General Fitness <p>Full time qualified doctor and ambulance is also available.</p>																		
19	As proposed, green belt over 930m ² . Area shall be developed within plant premises with thick green belt on all sides along the periphery of the project area, in downward direction, and along road side etc. In addition, plantation shall be done in a land 5000m ² . In the First Battalion polo ground District Area, which is 700 m from the plant. Selection of plant species shall be as per the CPCB guidelines in consultation with DFO.	<p>Green belt in front of factory premises on DIC road divider throughout the length has been completed in view of 930sqm area development.</p> <p>Another green belt development work over 5000sqm permission from DIC has been taken and green belt development is being done .</p> <p>Green belt area approx 50000sq fit is also developed in the First Battalion polo ground District Area, which is 700 m from the plant with selective species.</p>																		
20	At least 2.5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment(ESC) based on local needs and action plan with financial and physical breakup/details shall be prepared and submitted to the ministry's regional office at Bhopal. Implementation of such program shall be ensured accordingly in a time bound manner.	<p>Budget available and CSR activity being performed as per plan.</p> <p>As per this condition the total cost of for CSR is considered as Rs. 50 Lacs . Same shall be invested during the span of 5 years in . Year wise expenditure details is given below as per Annexure-6</p> <table border="1"> <thead> <tr> <th>S.No.</th><th>Financial Year</th><th>CSR Expense Amount (in lakhs)</th></tr> </thead> <tbody> <tr> <td>1</td><td>2015-16</td><td>14.0</td></tr> <tr> <td>2</td><td>2016-17</td><td>34.0</td></tr> <tr> <td>3</td><td>2017-18</td><td>18.0</td></tr> <tr> <td>4</td><td>2018-19</td><td>21.0</td></tr> <tr> <td>5</td><td>2019-20</td><td>7.5</td></tr> </tbody> </table>	S.No.	Financial Year	CSR Expense Amount (in lakhs)	1	2015-16	14.0	2	2016-17	34.0	3	2017-18	18.0	4	2018-19	21.0	5	2019-20	7.5
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4	2018-19	21.0																		
5	2019-20	7.5																		

Bhul

S. No	Conditions of Environment Clearance	Status of Compliance
21	<p>The company shall submit within three months their policy towards Corporate environment responsibility which should inter-alia address (i) Standard operating process/procedure to being into focus any infringement/deviation/violation of environmental or forest norms/conditions, (ii) Hierarchical system or Administrative order of the Company to deal with environmental issues and ensuring compliance to the environmental clearance conditions and</p> <p>(iii) System of reporting of non compliance/violation environmental norms to the Boards of Directors of the company and /or stakeholders or shareholders.</p>	<p>Company has followed Corporate EHS management system and following are being done</p> <p>(i) All process activity being performed as per define procedure in SOP for avoiding any violation /deviation of environmental condition</p> <p>(ii) We have dedicated team for EHS management system with administrative hierarchical system and responsible to deal with environmental issues and ensuring compliance to the environmental clearance conditions. EHS Organogram is enclosed as Annexure-7</p> <p>(iii) We have Corporate EHS management system for addressing all environmental issues/implementation of compliance status with the board of directors.</p>
22	<p>Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project.</p> <p>All the construction wastes shall be managed so that there is no impact on the surrounding environment.</p>	<p>This was the brown field project and required some modification which have been done.S</p>

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AMBIENT AIR MONITORING REPORT

MoEF Recognized Environmental Laboratory valid up-to 08.02.2022		
Client's Name & Address	Report No.	041/1920
M/s. IPCA Laboratories Limited, Industrial Estate, Polo ground, Indore M.P.	Report Date	31.08.2019
	Lab Reference No.	SMSI/1920/Air/041/A-1 & A-2
	Date of Sampling	20.08.2019
	Time of Sampling	11:45 AM
	Sampling Duration	24 Hrs
	Wind Direction	W

Meteorological Condition:

Sr. No	Parameters	Unit	Value	
			Maximum	Minimum
1.	Ambient Temperature	°C	29	21
2.	Relative Humidity	%	91	68
3.	Wind Direction	-	W	
4.	Wind Speed	Km/hr	8.0	

Results:

S. No.	Parameters	Permissible Limit	Results		Method of Reference
			AAQ-1	AAQ-2	
1	Particulate Matter (PM ₁₀)	100 µg/m ³	69.4	77.1	NAAQS - 2009
2	Particulate Matter (PM _{2.5})	60 µg/m ³	32.5	34.0	
3	Sulphur Dioxide (SO ₂)	80 µg/m ³	14.2	16.3	
4	Oxides of Nitrogen (NO _x)	80 µg/m ³	19.4	19.8	
5	Carbon mono-oxide	2000 µg/m ³	142	214	
6	Ammonia (NH ₃)	400 µg/m ³	BDL	BDL	
7	Ozone (O ₃)	100 µg/m ³	BDL	BDL	
8	Lead (Pb)	0.5 µg/m ³	BDL	BDL	
9	Benzene	05 µg/m ³	BDL	BDL	
10	Benzo(a)Pyrene (BaP)	01 ng/m ³	BDL	BDL	
11	Arsenic (As)	06 ng/m ³	BDL	BDL	
12	Nickel (Ni)	20 ng/m ³	BDL	BDL	

Note: 1. NAAQS – National Ambient Air Quality Standards (CPCB), BDL-Below detection limit
Sampling Location: AAQ-1 – Near Main Gate, AAQ-2 – Near ETP Area

For SMS Envocare Limited

Lab In charge



Corporate Office : 20, IT Park, Parsodi, Nagpur - 440 022(India)

Ph.: +91-712-712 5000, 666 5200, Fax : +91 - 712-666 5100, 712 5000 Website : smsl.co.in

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Regd. Office : 267, Ganesh Phadnavis Bhawan, Near Triangular Park, Dharampeth, Nagpur - 440 010(India)

CIN : U74900MH2007PLC172774

SMS**ENVO CARE LIMITED**

AMBIENT AIR MONITORING REPORT

MoEF Recognized Environmental Laboratory valid up-to 08.02.2022		
Client's Name & Address	Report No.	064/1920
M/s. IPCA Laboratories Limited, Industrial Estate, Polo ground, Indore M.P.	Report Date	04.12.2019
	Lab Reference No.	SMSI/1920/Air/064/A-1 & A-2
	Date of Sampling	27.11.2019
	Time of Sampling	11:50 AM
	Sampling Duration	24 Hrs
	Wind Direction	

Meteorological Condition:

Sr. No	Parameters	Unit	Value	
			Maximum	Minimum
1.	Ambient Temperature	°C	30	19
2.	Relative Humidity	%	88	57
3.	Wind Direction	-	SE	
4.	Wind Speed	Km/hr	6.5	

Results:

S. No.	Parameters	Permissible Limit	Results		Method of Reference
			AAQ-1	AAQ-2	
1	Particulate Matter (PM ₁₀)	100 µg/m ³	81.6	75.4	NAAQS - 2009
2	Particulate Matter (PM _{2.5})	60 µg/m ³	37.6	36.1	
3	Sulphur Dioxide (SO ₂)	80 µg/m ³	16.4	17.6	
4	Oxides of Nitrogen (NO _x)	80 µg/m ³	20.2	21.5	
5	Carbon mono-oxide	2000 µg/m ³	166	209	
6	Ammonia (NH ₃)	400 µg/m ³	BDL	BDL	
7	Ozone (O ₃)	100 µg/m ³	BDL	BDL	
8	Lead (Pb)	0.5 µg/m ³	BDL	BDL	
9	Benzene	05 µg/m ³	BDL	BDL	
10	Benzo(a)Pyrene (BaP)	01 ng/m ³	BDL	BDL	
11	Arsenic (As)	06 ng/m ³	BDL	BDL	
12	Nickel (Ni)	20 ng/m ³	BDL	BDL	

Note: 1. NAAQS – National Ambient Air Quality Standards (CPCB), BDL-Below detection limit
Sampling Location: AAQ-1 – Near Main Gate, AAQ-2 – Near ETP Area

For SMS Envocare Limited

Lab In charge

Checked by

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SMS
ENVO CARE LIMITED



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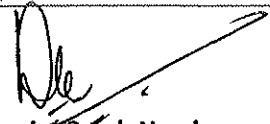
Regional Laboratory
M. P. Pollution Control Board

Plot No. 1, Scheme No. 78, Part-II, Aranya, Indore - 452 010
☎ 0731 - 2554337, 4035618 E mail: regional.labindore@yahoo.com

TEST REPORT

ANALYSIS REPORT FOR WATER & WASTE WATER SAMPLE

Sample From		M/s IPCA Lab Pologround, Indore		
Contact No				
Sample Description		R.O. Permit		Test Report No. : 959
Date and Time of Collection	03/06/2019	Type of Sample : Grab	Transport Condition :- Ice Box with Ice	Sampling Method : Water/ Waste water sample collection Guideline by Central lab M.P.P.C.B., Bhopal
Date of Receipt	03/06/2019			
Period of Analysis	03/06/19- 07/05/19	Sample collected & Analysed by	Factory Person & Smt. Deepa. Chemist	Sample volume: 01 Litre
Date of Report	07/06/2019			
S. No.	Parameters	Unit	Result	Method
01	Appearance*	-	Clear	-
02	Odour*	-	Odourless	-
03	pH	pH Unit	7.49	APHA, 4500-H ⁺ B
04	Total Solids	mg / L	78.0	APHA, 2540 B
05	Total Dissolved Solids	mg / L	73.0	APHA, 2540 C
06	Suspended Solids	mg / L	5.0	APHA, 2540 D
07	Chloride	mg / L	11.82	APHA, 4500-CL ⁻ B
08	B.O.D. (3 days, 27 °C)	mg / L	0.7	IS 3025, part 44 1993
09	C.O.D.	mg / L	9.0	APHA, 5220 B
10	Oil and Grease	mg / L	--	APHA 5520-D
NOTE: *These parameters are not covered under the scope of NABL. The report shall not be reproduced except in full, without permission of Regional Lab, M.P. Pollution Control Board, Indore. No statutory liability accepted for sample not collected by MPPCB. The result relate only to the sample tested. Sample will be destroyed after 10 days from the date of issue of test report unless otherwise specified.				


Chief Chemist & Lab Head
Regional Laboratory, Indore
(Dr. D. K. Wagela)
Authorised Signatory (NABL)
Regional Lab.
M.P. Pollution Control Board, Indore



Regional Laboratory
M. P. Pollution Control Board

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☎ 0731 - 2554337, 4035618 E mail: regional.labindore@yahoo.com



TEST REPORT

ANALYSIS REPORT FOR WATER & WASTE WATER SAMPLE

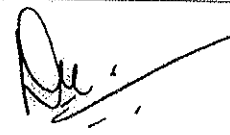
Sample From	M/s Ipca Lab Ltd., Plot No. 89A-B/90/91, Industrial state Pologround, Indore			
Contact No	9981990781			
Sample Description	R.O. Permeate ~			Test Report No. : 1289
Date and Time of Collection	25/07/2019	Type of Sample : Grab	Transportation : Ice Box with Ice	Sampling Method : Water/ Waste water sample collection Guideline by Central lab M.P.P.C.B., Bhopal
Date of Receipt	26/07/2019			
Period of Analysis	26/07/19-05/08/19	Sample collected & Analysed by	Mr. K.R. Rajguru, Sampler & Mrs. Sweta Sahu, Chemist	Sample volume: 01 Litre
Date of Report	05/08/2019			
S. No.	Parameters	Unit	Result	Method
01	Appearance*	-	Clear	--
02	Odour*	-	O. less	--
03	pH	pH Unit	6.40	APHA, 4500-H ⁺ B
04	Total Solids	mg / L	176	APHA, 2540 B
05	Total Dissolved Solids	mg / L	170	APHA, 2540 C
06	Suspended Solids	mg / L	06	APHA, 2540 D
07	Chloride	mg / L	19.28	APHA, 4500-CL ⁻ B
08	B.O.D. (3 days, 27 °C)	mg / L	0.4	IS 3025,1993
09	C.O.D.	mg / L	06	APHA, 5220 B
10	Oil & Grease	mg / L	Not Detectable	APHA 5520-D

NOTE: *These parameters are not covered under the scope of NABL.

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No statutory liability accepted for sample not collected by MP PCB.

The result relate only to the sample tested.

Sample will be destroyed after 10 days from the date of issue of test report unless otherwise specified.


Chief Chemist & Lab Head
Regional Laboratory, Indore

(Dr. D. K. Wagela)
Authorised Signatory (NABL)
Regional Lab.
M.P. Pollution Control Board, Indore



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TEST REPORT

ANALYSIS REPORT FOR WATER & WASTE WATER SAMPLE

Sample From	M/s Ipea Laboratories Ltd., Plot No. 89A-B/90/91, Industrial state Pologround, Indore			
Contact No	9981990781			
Sample Description	R.O. Permeate ~			
Date and Time of Collection	22/08/2019	Type of Sample: Grab	Transportation: Ice Box with Ice	Test Report No. : 1479
Date of Receipt	22/08/2019	Sampling Method : Water/ Waste water sample collection Guideline by Central Lab. M.P.P.C.B., Bhopal		
Period of Analysis	22/08/19-31/08/19	Sample collected & Analysed by	Mr. Rajmal Gamad, Sct. & Mrs. Deepa Shrivastava, Chemist	Sample volume: 01 Litre
Date of Report	31/08/2019			
S. No.	Parameters	Unit	Result	Method
01	Appearance*	-	Clear	-
02	Odour*	-	O. less	-
03	pH	pH Unit	6.84	APHA, 4500-H ⁺ B
04	Total Solids	mg / L	148	APHA, 2540 B
05	Total Dissolved Solids	mg / L	144	APHA, 2540 C
06	Suspended Solids	mg / L	04	APHA, 2540 D
07	Chloride	mg / L	11.70	APHA, 4500-CL ⁻ B
08	B.O.D. (3 days, 27 °C)	mg / L	0.8	IS 3025,1993
09	C.O.D.	mg / L	10.78	APHA, 5220 B
10	Oil & Grease	mg / L	Not Detectable	APHA 5520-D

NOTE: *These parameters are not covered under the scope of NABL.

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Chief Chemist & Lab Head
Regional Laboratory, Indore

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Regional Lab.

M.P. Pollution Control Board, Indore




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वत्र क्र. ६१६ .../खे.प्र.इ./प्र.नि.म./इन्दोर,

दिनांक २०/११/१९

TEST REPORT				
ANALYSIS REPORT FOR WATER & WASTE WATER SAMPLE				
Sample From	M/s IPCA Laboratories Ltd., Plot No-89A-B/90/91, Industrial State Pologround, Indore			
Contact No	9981990781			
Sample Description	R.O. permeated		Test Report No. :	1608
Date and Time of Collection	07/09/2019	Type of Sample : Grab	Transportation : Ice Box with Ice	Sampling Method : Water/Waste water sample collection Guideline by Central lab M.P.C.B., Bhopal
Date of Receipt	07/09/2019			
Period of Analysis	07/09/1912/09/19	Sample collected & Analysed by	Factory Person & Smt. Sweta Sahu, Chemist	Sample volume: 01 Litre
Date of Report	12/09/2019			
S. No.	Parameters	Unit	Result	Method
01	Appearance*	-	Clear	--
02	Odour*	-	Odourless	--
03	pH	pH Unit	6.70	APHA, 4500-H ⁺ B
04	Total Solids	mg / L	54.0	APHA, 2540 B
05	Total Dissolved Solids	mg / L	51.0	APHA, 2540 C
06	Suspended Solids	mg / L	03	APHA, 2540 D
07	Chloride	mg / L	15.65	APHA, 4500-CL B
08	B.O.D. (3 days, 27 °C)	mg / L	0.3	IS 3025,1993
09	C.O.D.	mg / L	5.88	APHA, 5220 B
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बत्र क्र. ०१९०७८/क्षे.प्र.इ./प्र.नि.म./इन्दौर,

दिनांक २०/११/१९

TEST REPORT

ANALYSIS REPORT FOR WATER & WASTE WATER SAMPLE

Sample From	M/s Ipca Laboratories Ltd., Plot No. 89A-B/90/91, Industrial Site Pologround, Indore			
Contact No	9981990781			
Sample Description	R.O. Permeate			Test Report No. : 1953
Date and Time of Collection	16/10/2019	Type of Sample : Grab	Transportation:- Ice Box with Ice	Sampling Method : Water/ Waste water sample collection Guideline by Central lab M.P.P.C.B., Bhopal
Date of Receipt	17/10/2019			
Period of Analysis	17/10/19-22/10/19			
Date of Report	22/10/2019	Sample collected & Analysed by	Mr. K.R. Rajguru, Sampler & Mrs. Deepa Shrivastava, Chemist	Sample volume: 01 Litre
S. No.	Parameters	Unit	Result	Method
01	Appearance*	-	Clear	--
02	Odour*	-	O. less	--
03	pH	pH Unit	6.57	APHA, 4500-H ⁺ B
04	Total Solids	mg / L	192	APHA, 2540 B
05	Total Dissolved Solids	mg / L	188	APHA, 2540 C
06	Suspended Solids	mg / L	04	APHA, 2540 D
07	Chloride	mg / L	29.35	APHA, 4500-CL ⁻ B
08	B.O.D. (3 days, 27 °C)	mg / L	1.0	IS 3025,1993
09	C.O.D.	mg / L	15.80	APHA, 5220 B

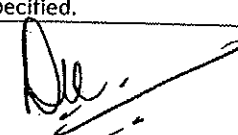
NOTE: *These parameters are not covered under the scope of NABL.

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Regional Laboratory, Indore
(Dr. D. K. Wagela)
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Regional Lab.
M.P. Pollution Control Board, Indore



STACK EMISSION MONITORING REPORT

MoEF Recognized Environmental Laboratory valid up-to 08.02.2022		
Client's Name & Address	Report No.	041/1920
M/s. IPCA Laboratories Limited, Industrial Estate, Polo ground, Indore M.P.	Report Date	31.08.2019
	Lab Reference No.	SMSI/1920/Air/041/S-1
	Date of Sampling	20.08.2019
	Time of Sampling	12:10 PM
	Sampling Duration	30 Minutes

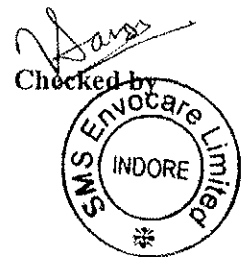
Results:

Sr. No	Particulars	Unit	Results	Consent Status
1	Stack Attached with	-	Boiler (5.0 Ton)	--
2	Sampling Time	minutes	30	--
3	Ambient Temperature	⁰ C	27	--
4	Flue Gas Temperature	⁰ C	144	--
5	Fuel Use	-	Coal	--
6	Total Particulate Matter (TPM)	mg/Nm ³	79.2	150
7	Sulphur Dioxide (SO ₂)	mg/Nm ³	64.0	--
8	Oxides of Nitrogen (NO _x)	mg/Nm ³	40.8	--
9	Carbon Monoxide (CO)	mg/Nm ³	2.6	--

Note: Sampling Location: Boiler Stack (5.0 Ton)

For SMS Envocare Limited

Lab In Charge



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 Regd. Office : 267, Ganesh Phadnavis Bhawan, Near Triangular Park, Dharampeth, Nagpur - 440 010(India)
 CIN : U74900MH2007PLC172774

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STACK EMISSION MONITORING REPORT

MoEF Recognized Environmental Laboratory valid up-to 08.02.2022		
Client's Name & Address	Report No.	064/1920
M/s. IPCA Laboratories Limited, Industrial Estate, Polo ground, Indore M.P.	Report Date	04.12.2019
	Lab Reference No.	SMSI/1920/Air/064/S-1
	Date of Sampling	27.11.2019
	Time of Sampling	12:20 PM
	Sampling Duration	30 Minutes

Results:

Sr. No	Particulars	Unit	Results	Consent Status
1	Stack Attached with	-	Boiler (5.0 Ton)	--
2	Sampling Time	minutes	30	--
3	Ambient Temperature	⁰ C	24	--
4	Flue Gas Temperature	⁰ C	139	--
5	Fuel Use	-	Coal	--
6	Total Particulate Matter (TPM)	mg/Nm ³	70.5	150
7	Sulphur Dioxide (SO ₂)	mg/Nm ³	66.8	--
8	Oxides of Nitrogen (NO _x)	mg/Nm ³	42.0	--
9	Carbon Monoxide (CO)	mg/Nm ³	2.5	--

Note: Sampling Location: Boiler Stack (5.0 Ton)

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SCRUBBER STACK MONITORING REPORT

MoEF Recognized Environmental Laboratory valid up-to 08.02.2022		
Client's Name & Address	Report No.	041/1920
M/s. IPCA Laboratories Limited, Industrial Estate, Polo ground, Indore M.P.	Report Date	31.08.2019
	Lab Reference No.	SMSI/1920/Air/041/S-4
	Date of Sampling	20.08.2019
	Time of Sampling	02:15 PM
	Sampling Duration	20 Minutes

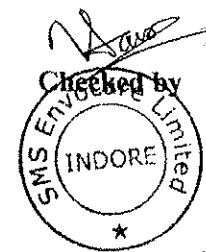
Results:

Sr. No	Particulars	Unit	Scrubber Stack (Plant No. 1)	Consent Status
1	Stack attached with	Product - 4,7 Dichloroquinoline		
2	Sampling Time	minutes	20	--
3	Ambient Temperature	^o C	29	--
4	Flue Gas Temperature	^o C	24	--
5	Total Particulate Matter (TPM)	mg/Nm ³	1.0	--
6	Sulphur dioxide (SO ₂)	mg/Nm ³	Nil	--
7	HCL fumes	μg/m ³	0.06	--

Note: Sampling Location: Scrubber Stack - Plant No. 1

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SCRUBBER STACK MONITORING REPORT

MoEF Recognized Environmental Laboratory valid up-to 08.02.2022		
Client's Name & Address	Report No.	064/1920
M/s. IPCA Laboratories Limited, Industrial Estate, Polo ground, Indore M.P.	Report Date	04.12.2019
	Lab Reference No.	SMSI/1920/Air/064/S-5
	Date of Sampling	28.11.2019
	Time of Sampling	04:30 PM
	Sampling Duration	20 Minutes

Results:

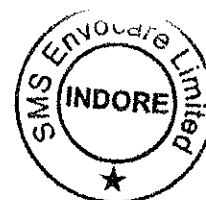
Sr. No	Particulars	Unit	Scrubber Stack (Plant No. 1)	Consent Status
1	Stack attached with	Product - 4,7 Dichloroquinoline		
2	Sampling Time	minutes	20	--
3	Ambient Temperature	⁰ C	28	--
4	Flue Gas Temperature	⁰ C	27	--
5	Total Particulate Matter (TPM)	mg/Nm ³	1.4	--
6	Sulphur dioxide (SO ₂)	mg/Nm ³	Nil	--
7	HCL fumes	µg/m ³	0.07	--

Note: Sampling Location: Scrubber Stack - Plant No. 1

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Lab In-charge


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SCRUBBER STACK MONITORING REPORT

MoEF Recognized Environmental Laboratory valid up-to 08.02.2022		
Client's Name & Address M/s. IPCA Laboratories Limited, Industrial Estate, Polo ground, Indore M.P.	Report No.	041/1920
	Report Date	31.08.2019
	Lab Reference No.	SMSI/1920/Air/041/S-5
	Date of Sampling	20.08.2019
	Time of Sampling	02:45 PM
	Sampling Duration	20 Minutes

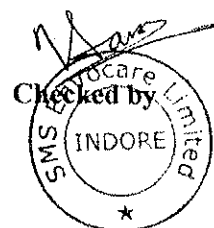
Results:

Sr. No	Particulars	Unit	Scrubber Stack (Plant No. 5)	Consent Status
1	Stack attached with	Product - Amodiaquine HCL		
2	Sampling Time	minutes	20	--
3	Ambient Temperature	⁰ C	29	--
4	Flue Gas Temperature	⁰ C	25	--
5	Total Particulate Matter (TPM)	mg/Nm ³	1.2	--
6	Sulphur dioxide (SO ₂)	mg/Nm ³	Nil	--
7	HCL fumes	μg/m ³	0.07	--

Note: Sampling Location: Scrubber Stack - Plant No. 5

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CIN : U74900MH2007PLC172774

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SCRUBBER STACK MONITORING REPORT

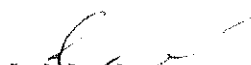
MoEF Recognized Environmental Laboratory valid up-to 08.02.2022		
Client's Name & Address	Report No.	064/1920
M/s. IPCA Laboratories Limited, Industrial Estate, Polo ground, Indore M.P.	Report Date	04.12.2019
	Lab Reference No.	SMSI/1920/Air/064/S-6
	Date of Sampling	28.11.2019
	Time of Sampling	04:55 PM
	Sampling Duration	20 Minutes


Results:

Sr. No	Particulars	Unit	Scrubber Stack (Plant No. 5)	Consent Status
1	Stack attached with	Product - Amodiaquine HCL		
2	Sampling Time	minutes	20	--
3	Ambient Temperature	⁰ C	28	--
4	Flue Gas Temperature	⁰ C	27	--
5	Total Particulate Matter (TPM)	mg/Nm ³	1.5	--
6	Sulphur dioxide (SO ₂)	mg/Nm ³	Nil	--
7	HCL fumes	µg/m ³	0.05	--

Note: Sampling Location: Scrubber Stack - Plant No. 5

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CIN : U74900MH2007PLC172774

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STACK EMISSION MONITORING REPORT

MoEF Recognized Environmental Laboratory valid up-to 08.02.2022		
Client's Name & Address	Report No.	041/1920
M/s. IPCA Laboratories Limited, Industrial Estate, Polo ground, Indore M.P.	Report Date	31.08.2019
	Lab Reference No.	SMSI/1920/Air/041/S-3
	Date of Sampling	20.08.2019
	Time of Sampling	01:20 PM
	Sampling Duration	30 Minutes

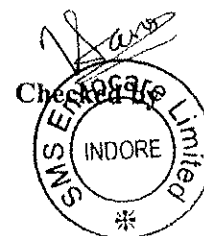
Results:

Sr. No	Particulars	Unit	Results	Standard Limit
1	Stack Attached with	-	DG (600 KVA)	--
2	Sampling Time	minutes	30	--
3	Ambient Temperature	^o C	28	--
4	Flue Gas Temperature	^o C	97	--
5	Fuel Use	-	HSD	--
6	Total Particulate Matter (TPM)	g/KW-h	0.07	0.2
7	Sulphur Dioxide (SO ₂)	g/KW-h	1.8	--
8	Oxides of Nitrogen (NO _x)	g/KW-h	3.7	4.0
9	Carbon Monoxide (CO)	g/KW-h	1.5	3.5

Note: Sampling Location: DG Stack (600 KVA)

For SMS Envocare Limited

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CIN : U74900MH2007PLC172774

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STACK EMISSION MONITORING REPORT

MoEF Recognized Environmental Laboratory valid up-to 08.02.2022		
Client's Name & Address M/s. IPCA Laboratories Limited, Industrial Estate, Polo ground, Indore M.P.	Report No.	064/1920
	Report Date	04.12.2019
	Lab Reference No.	SMSI/1920/Air/064/S-3
	Date of Sampling	27.11.2019
	Time of Sampling	01:25 PM
	Sampling Duration	20 Minutes

Results:

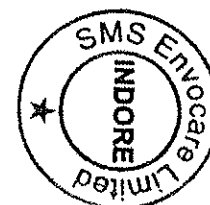
Sr. No	Particulars	Unit	Results	Standard Limit
1	Stack Attached with	-	DG (600 KVA)	--
2	Sampling Time	minutes	30	--
3	Ambient Temperature	⁰ C	26	--
4	Flue Gas Temperature	⁰ C	94	--
5	Fuel Use	-	HSD	--
6	Total Particulate Matter (TPM)	g/KW-h	0.06	0.2
7	Sulphur Dioxide (SO ₂)	g/KW-h	1.3	--
8	Oxides of Nitrogen (NO _x)	g/KW-h	3.0	4.0
9	Carbon Monoxide (CO)	g/KW-h	1.2	3.5

Note: Sampling Location: DG Stack (600 KVA)

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CIN : U74900MH2007PLC172774

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STACK EMISSION MONITORING REPORT

MoEF Recognized Environmental Laboratory valid up-to 08.02.2022		
Client's Name & Address M/s. IPCA Laboratories Limited, Industrial Estate, Polo ground, Indore M.P.	Report No.	041/1920
	Report Date	31.08.2019
	Lab Reference No.	SMSI/1920/Air/041/S-2
	Date of Sampling	20.08.2019
	Time of Sampling	12:45 PM
	Sampling Duration	20 Minutes

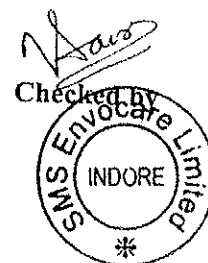
Results:

Sr. No	Particulars	Unit	Results	Standard Limit
1	Stack Attached with	-	DG (650 KVA)	--
2	Sampling Time	minutes	30	--
3	Ambient Temperature	⁰ C	28	--
4	Flue Gas Temperature	⁰ C	109	--
5	Fuel Use	-	HSD	--
6	Total Particulate Matter (TPM)	g/KW-h	0.05	0.2
7	Sulphur Dioxide (SO ₂)	g/KW-h	1.2	--
8	Oxides of Nitrogen (NO _x)	g/KW-h	3.5	4.0
9	Carbon Monoxide (CO)	g/KW-h	1.3	3.5

Note: Sampling Location: DG Stack (650 KVA)

For SMS Envocare Limited

Lab in charge



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Regd. Office : 267, Ganesh Phadnavis Bhawan, Near Triangular Park, Dharampeth, Nagpur - 440 010(India)

CIN : U74900MH2007PLC172774

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ENVO CARE LIMITED

STACK EMISSION MONITORING REPORT

MoEF Recognized Environmental Laboratory valid up-to 08.02.2022		
Client's Name & Address M/s. IPCA Laboratories Limited, Industrial Estate, Polo ground, Indore M.P.	Report No.	064/1920
	Report Date	04.12.2019
	Lab Reference No.	SMSI/1920/Air/064/S-2
	Date of Sampling	27.11.2019
	Time of Sampling	01:00 PM
	Sampling Duration	20 Minutes

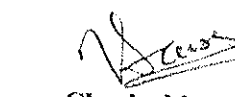
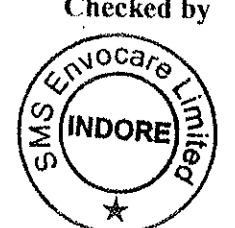
Results:

Sr. No	Particulars	Unit	Results	Standard Limit
1	Stack Attached with	-	DG (650 KVA)	--
2	Sampling Time	minutes	30	--
3	Ambient Temperature	⁰ C	26	--
4	Flue Gas Temperature	⁰ C	98	--
5	Fuel Use	-	HSD	--
6	Total Particulate Matter (TPM)	g/KW-h	0.07	0.2
7	Sulphur Dioxide (SO ₂)	g/KW-h	1.5	--
8	Oxides of Nitrogen (NO _x)	g/KW-h	3.2	4.0
9	Carbon Monoxide (CO)	g/KW-h	1.6	3.5

Note: Sampling Location: DG Stack (650 KVA)

For SMS Envocare Limited


Lab In-charge


Checked by


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CIN : U74900MH2007PLC172774

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ANNEXURE - 06

Ipca Laboratories Ltd., Pologround - Indore
Proposed CSR Activities & Budget for the Year 2019 - 2020

S. No.	Quarter	Activities	Proposed Budget (2019-20) (Rs. in Lakhs)	Remarks
1	1st	Distribution of water purifier & Air cooler in Govt. School and old age homes	1.00	-
2	2nd	Installation of Solar Street lights in pologround area (Electric Pole will provide by Indore Municipal Corporation)	4.00	-
3	3rd	Promotion of sport activities through sport academy indore	1.50	-
4	4th	Cair, Talble & uniform distribution to children shelters home	1.00	-
			7.50	

Prepared By :
(Anup Singh)

Checked By :
(Praveen Tripathi)

Approved By :
(C. S. Hillar)

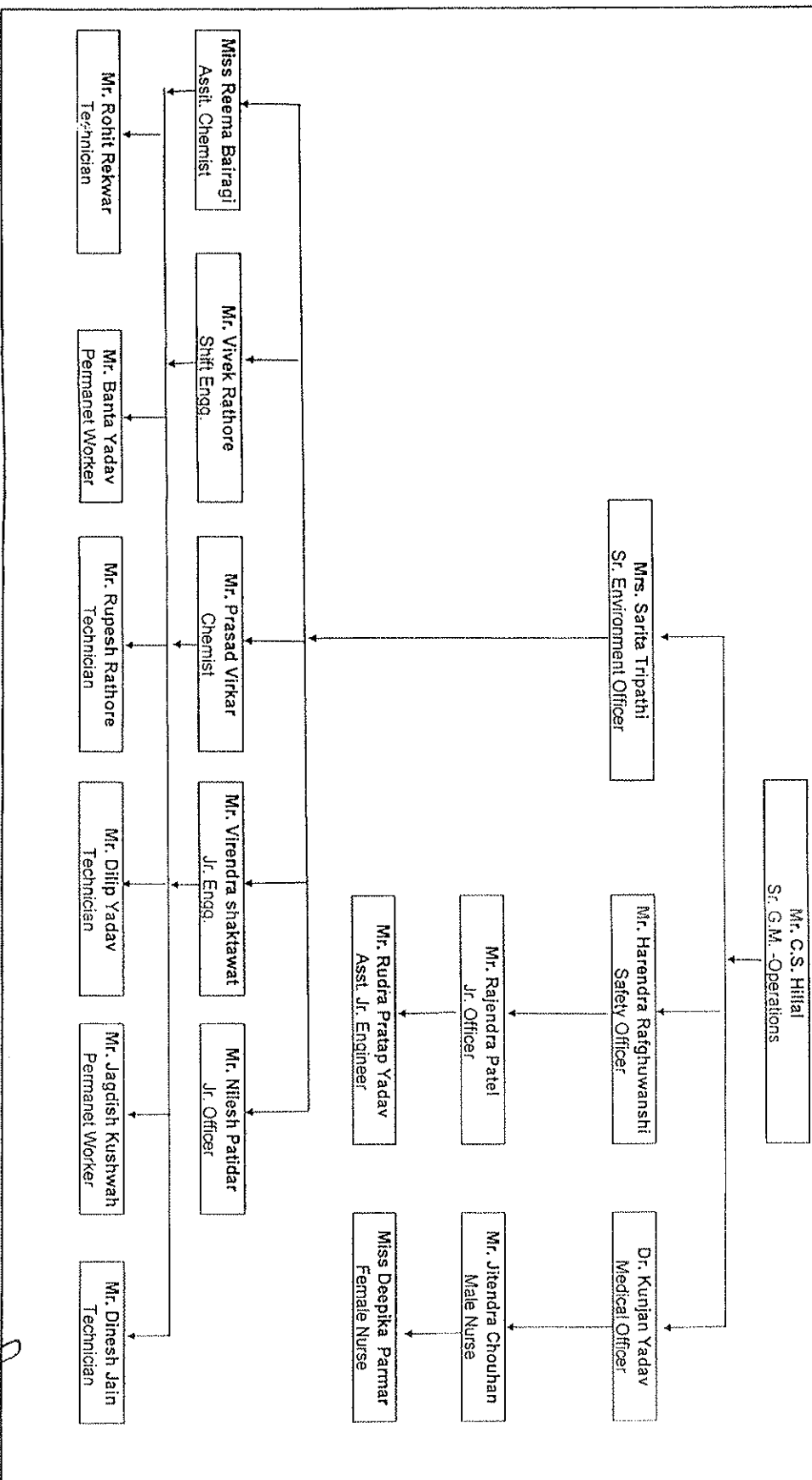


SOP NO : GMP/IND/A07/1999

FORMAT NO : IIA/065/00/16

Ipca Laboratories Limited, Indore

Organogram of EHS Department



Prepared By-

Checked By-

Ipca Laboratories Ltd., Indore

Annexure-8

Compliance Report On Consent to Operate Under Section 25 Of The Water (Prevention & Control Pollution Act 1974)

Sr. N.	CTO NO- AWH 47322 (Water Consent Condition)	Compliance Status														
1	The daily quantity of trade effluent is NIL. and the daily quantity of sewage shall not exceed 18.000 KL/day	Our plant is Zero Liquid Discharge Unit . Hence we are ensuring that the trade effluent qty shall be nil and sewage effluent qty will not exceed the specified limit 18.0 kl/day														
2	<div>Trade Effluent Treatment:- The applicant shall provide comprehensive effluent treatment system as per the proposal submitted to the Board and maintain the same properly to achieve following standards-</div> <table><tr><td>pH</td><td>Between 5.5 – 9.0</td></tr><tr><td>Suspended Solids</td><td>Not exceed 100 mg/l</td></tr><tr><td>BOD 3 Days 270C</td><td>Not exceed 30 mg/l.</td></tr><tr><td>COD</td><td>Not exceed 250 mg/l.</td></tr><tr><td>Oil and grease</td><td>Not exceed 10 mg/l.</td></tr><tr><td>TDS</td><td>Not exceed 2100 mg/l.</td></tr><tr><td>Chlorides</td><td>Not exceed 1000 mg/l</td></tr></table> <div>For other parameters general standards of discharge as notified under EP Act 1986 shall be applicable</div>	pH	Between 5.5 – 9.0	Suspended Solids	Not exceed 100 mg/l	BOD 3 Days 270C	Not exceed 30 mg/l.	COD	Not exceed 250 mg/l.	Oil and grease	Not exceed 10 mg/l.	TDS	Not exceed 2100 mg/l.	Chlorides	Not exceed 1000 mg/l	We are maintaining and operate the effluent treatment facility for industrial waste water treatment properly all the time and ensure the quality of treated effluent conforms to the prescribed standard . Moreover this treated effluent being utilized / recycled within plan premises.
pH	Between 5.5 – 9.0															
Suspended Solids	Not exceed 100 mg/l															
BOD 3 Days 270C	Not exceed 30 mg/l.															
COD	Not exceed 250 mg/l.															
Oil and grease	Not exceed 10 mg/l.															
TDS	Not exceed 2100 mg/l.															
Chlorides	Not exceed 1000 mg/l															
3.	<div>Sewage Treatment :- The applicant shall provide comprehensive sewage treatment system as per the proposal submitted to the Board and maintain the same properly to achieve following standards-</div> <table><tr><td>pH</td><td>Between 5.5 – 9.0</td></tr><tr><td>Suspended Solids</td><td>Not exceed 100 mg/l</td></tr><tr><td>BOD 3 Days 270C</td><td>Not exceed 30 mg/l.</td></tr><tr><td>COD</td><td>Not exceed 250 mg/l.</td></tr><tr><td>Oil and grease</td><td>Not exceed 10 mg/l.</td></tr></table>	pH	Between 5.5 – 9.0	Suspended Solids	Not exceed 100 mg/l	BOD 3 Days 270C	Not exceed 30 mg/l.	COD	Not exceed 250 mg/l.	Oil and grease	Not exceed 10 mg/l.	We maintain and operate the sewage effluent treatment facility for sewage waste water treatment properly all the time and ensure the quality of treated effluent conforms to the prescribed standard				
pH	Between 5.5 – 9.0															
Suspended Solids	Not exceed 100 mg/l															
BOD 3 Days 270C	Not exceed 30 mg/l.															
COD	Not exceed 250 mg/l.															
Oil and grease	Not exceed 10 mg/l.															
4	The effluent shall be treated up to prescribed Standards and reuse in the process, for cooling and for 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.	We are ensuring that no discharge of effluent outside the premises at any point of time and zero discharge condition being maintained.														
5	Water meter preferably electromagnetic/ultrasonic type with digital flow recording facilities shall be installed separately for category wise consumption of water as per Water (Prevention and Control of Pollution) Cess Act 1977 for Industrial cooling/ boiler feed, mine spray, process & domestic purposes and data shall be submitted online through monthly patrak/statements. The industry/unit shall also monitor the treated	We have installed magnetic flow meter at consumption sources and consumption qty being update on XGEN monthly patrak.														

	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.	We will not carryout any expansion or modifications in our operations without prior approval of the authority
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	All treatment facility being maintained in good working condition and also ensuring to be operate in efficient manner to achieve compliance of the consent conditions.
8	The specific effluent limitations and pollution control system applicable to the discharge permitted herein are set forth as above condition	Prescribed effluent limitations being maintained as per MPPCB Analysis Report
9	<p>Compilation of Monitor</p> <p>i. Samples and measurements taken to meet the monitoring requirements specified above shall be representative of the volume and nature of discharge.</p> <p>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.</p> <p>iii. The applicant shall take samples and measurements to meet the monthly requirements specified above and report online the same to the Board.</p>	Being followed
10	<p>Recording of Monitor</p> <p>i. The applicant shall make and maintain online records of all information resulting from monitoring activities by this Consent.</p> <p>ii. The applicant shall record for each measurement of samples taken pursuant to the requirements of this Consent as follows:</p> <p>(I) The date, exact place and time of sampling</p> <p>(ii) The dates on which analysis were performed</p> <p>(iii) Who performed the analysis?</p> <p>(iv) The analytical techniques or methods used and</p> <p>(v) The result of all required analysis</p> <p>iii. If the applicant monitors any Pollutant more</p>	<p>All samples monitoring record being maintained .</p> <p>(I) We are maintaining analysis record with date ,time and analyst signature.</p> <p>(II) We agree with this condition</p> <p>(III) We agree with this condition</p>

	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	
11	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	Discharge monitoring report being update online automatically after declaration analysis result by MPPCB
12	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.	We are not discharging any hazardous substances in to natural water source.
13	Limitation of visible floating solids and foam: During the period beginning date of issuance the applicant shall not discharge floating solids or visible foam.	We will confirm visible floating solids and foam will not be discharge.
14	Disposal of Collected Solid All hazardous waste/sludge shall be disposed of as per the Authorization issued under HW 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	All Hazardous Waste being disposed as per the Authorization issued under HW Management and handling Rule 2016
15	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	We have alternate power generating source (Diesel Generating Source) at the site for power backup supply to Environment Facility in case of regular power failure.
Additional Water condition:- (if any) :-		
1	The Industry shall install Outdoor HD Industrial grade IP(Internet Protocol) Cameras with pan-Tilt-Zoom(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 for remote surveillance within 01 month from date of issue of this letter.	We have installed camera with flowmeter & same is connected as required by MPPCB &CPCB server and we have installed online ambient air monitoring system for display all emission source nearby the site.

Compliance Report On Consent to Operate Under Section 21 Of The Air (Prevention & Control Pollution Act 1981)

S.No.	CTO NO-AWH -47322 (Air Consent Condition)	Status																									
1	<p>The applicant shall provide comprehensive air pollution control system consisting of control equipments as per the proposal submitted to the Board with reference to generation of emission and same shall be operated & maintained continuously so as to achieve the level of pollutants to the following standards</p> <table><tr><th>Name of section</th><th>Capacity</th><th>Stack Height</th><th>Control equipment to be installed</th><th>PM, NOX, SOX</th></tr><tr><td>Boiler</td><td>3t/hr.</td><td>30</td><td>Dumper, Natural Draft</td><td>150,100,50</td></tr><tr><td>Boiler + T.F.H</td><td>5t/hr. & 10lac.kcal/hr.</td><td>30</td><td>Bag Filter, Dumper, Multi Cyclone</td><td>150,100,50</td></tr><tr><td>D.G Sets</td><td>650kvax2</td><td>11</td><td>acoustic enclosure, Muffler,</td><td>150,100,50</td></tr><tr><td>Fuel Heater (Thermic)</td><td>10lac.kcal/hr.</td><td>30</td><td>Dumper, Natural Draft</td><td>150,100,50</td></tr></table>	Name of section	Capacity	Stack Height	Control equipment to be installed	PM, NOX, SOX	Boiler	3t/hr.	30	Dumper, Natural Draft	150,100,50	Boiler + T.F.H	5t/hr. & 10lac.kcal/hr.	30	Bag Filter, Dumper, Multi Cyclone	150,100,50	D.G Sets	650kvax2	11	acoustic enclosure, Muffler,	150,100,50	Fuel Heater (Thermic)	10lac.kcal/hr.	30	Dumper, Natural Draft	150,100,50	We have installed bag filter in boiler stack to control particulate emissions within permissible limit and also provided adequate stack height as per CPCB standard.
Name of section	Capacity	Stack Height	Control equipment to be installed	PM, NOX, SOX																							
Boiler	3t/hr.	30	Dumper, Natural Draft	150,100,50																							
Boiler + T.F.H	5t/hr. & 10lac.kcal/hr.	30	Bag Filter, Dumper, Multi Cyclone	150,100,50																							
D.G Sets	650kvax2	11	acoustic enclosure, Muffler,	150,100,50																							
Fuel Heater (Thermic)	10lac.kcal/hr.	30	Dumper, Natural Draft	150,100,50																							
2	<p>The applicant shall observe the following fuel pattern</p> <table><tr><th>Name of Fuel</th><th>Quantity</th></tr><tr><td>Gasifieres</td><td>200SCM/hr.</td></tr><tr><td>Natural Gas</td><td>200SCM/hr.</td></tr><tr><td>Diesel</td><td>200Kg/hr.</td></tr><tr><td>Gascifiers</td><td>100SCM/hr.</td></tr><tr><td>Natural Gas</td><td>100SCM/hr.</td></tr><tr><td>Petroleum Cock</td><td>800kg/hr.</td></tr></table>	Name of Fuel	Quantity	Gasifieres	200SCM/hr.	Natural Gas	200SCM/hr.	Diesel	200Kg/hr.	Gascifiers	100SCM/hr.	Natural Gas	100SCM/hr.	Petroleum Cock	800kg/hr.	We are using prescribed volume of the fuel i.e Petroleum cock qty <800kg/hr.											
Name of Fuel	Quantity																										
Gasifieres	200SCM/hr.																										
Natural Gas	200SCM/hr.																										
Diesel	200Kg/hr.																										
Gascifiers	100SCM/hr.																										
Natural Gas	100SCM/hr.																										
Petroleum Cock	800kg/hr.																										
3	<p>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:</p> <p>a. Particulate Matter (less than 10 micron) - 100 microgram/cubic meter (PM10 mg/m3 24 hrs. basis)</p> <p>b. Particulate Matter (less than 2.5 micron) - 60 -" (PM25 mg/m3 24 hrs. basis)</p> <p>c. Sulphur Dioxide [SO2] (24 hrs. Basis) - 80 -"</p> <p>d. Nitrogen Oxides [NOx] (24 hrs. Basis) - 80 -"</p> <p>e. Carbon Monoxide [CO] (8 hrs. Basis) - 2000 -"</p>	As per MPPCB/NABL approved laboratory analysis reports, all parameters are within limit																									
4	<p>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.</p>	We have provided aquostic enclosure to control the noise level with prescribed limit.																									

		Moreover we are conducting periodically noise monitoring by NABL approved lab and found day, night result with in limit.
5	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.	We have provided necessary arrangement in Boiler stack for stack monitoring. Monthly Monitoring is being done by MPPCB Regional Lab
6	The industry/unit shall make the necessary arrangements for control of the fugitive emission from any source of emission/section/activities.	All process activity being carried out in closed system so that fugitive emission will be in prescribed limit. The same is also being monitored by NABL approved lab and found within limit results.
7	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.	All fugitive emissions are controlled and spill control procedure is also in place.
8	The industry/ unit shall ensure all necessary arrangements for control of odour nuisance from the industrial activities or process within premises	All necessary arrangements being done to control odor and nuisance at work place
9	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.	All internal roads having pucca status to control the fugitive emission and site also followed good housekeeping practices by regular training to manufacturing operator.
10	Industry shall take effective steps for extensive tree plantation at least in 03 rows of the local tree species with minimum spacing of 4X4 meter within or around the Industry/unit premises for general improvement of environmental conditions and as stated in additional condition	In company premises we have no space for extensive plantation. Although we have developed Green belt in front of factory premises on DIC road divider throughout the length has been completed in view of 930sqm area development. Another green belt development work over 5000sqm permission from DIC has been taken and green belt development is being done.

CONDITIONS PERTAINING TO HAZARDOUS AND OTHER WASTE (MANAGEMENT AND TRANSBOUNDARY MOVEMENT) RULES 2016

S.No.	CTO NO-AWH-45934 (Haz.Waste Consent Condition)	Status
1	The authorization shall comply with the provision of Environment (Protection) Act, 1986 and the rules made there Under.	We agreed with this condition.
2	The authorization or its renewal shall be produced during inspection on the request of the inspecting officer authorized by the State Pollution Control Board.	We agreed with this condition.
3	The authorized person shall not rent, lend, sale, transfer or otherwise transport the hazardous wastes without obtaining prior permission of the State Pollution Control Board.	We agreed with this condition.
4	If the industry comes in such a category where insurance under Public Liability Insurance Act, is necessary, the industry shall comply with provision and submit a copy of the policy to the Board.	We agreed with this condition.
5	Any unauthorized change in production capacity, process, raw materials, personnel, equipments etc. as mentioned in the application by the person authorized shall constitute a breach of this authorization.	We agreed with this condition.
6	The unit should maintain the records of hazardous wastes as per the Form-3 of rule 9 (1) and should online submit the annual return in Form No.4 as per the rule 9 (2) to this office on or before 30 th day of June of every year.	Being followed.
7	Details of auction/sale of non-ferrous hazardous waste should be submitted online in form no.13 to this office annually.	Form 13 (Now form 10) Hardcopy Being submitted.
8	An on-site storage for waste for a maximum period of one year or a maximum quantity of 10 MT, whichever is less, should be provided and it shall be ensured that there is no leakage or seepage or spillage from surrounding walls or bottom. The site should be covered and properly protected to prevent the entry of rainwater in storage area.	Being followed
9	It is the duty of authorized person to take prior permission of the M.P. Pollution Control Board to close down the Facility.	We agreed with this condition.
10	The information regarding quantity of hazardous wastes generated and its analysis report should be sent to the Board online quarterly.	Analysis report will be submitted to the board.
11	Hazardous Waste Storage Site & Danger signboard shall be provided with all safety devices at the storage site.	Displayed
12	The authorized person should inform the name and address of the contact person responsible for hazardous waste management.	Already inform.
13	In case of importing Hazardous Waste, occupier shall apply to the M.P. Pollution Control Board, 180 days in advance in Form-6, for permission to import of the waste as per Rule 13 (i) of Hazardous and other Waste (Management and Trans-boundary Movement) Rules 2016 as amended up to date.	We agreed with this condition.(Currently we are not importing any hazardous waste.
14	In the event of any accident due to handling of hazardous wastes, the authorized person must inform immediately to the Regional Office & Head office of the board on	We agreed with this condition.

Fax/telephone/email-it_mppcb@rediffmail.com about the incident and detail report should be sent in Form No.5 as per rule -10 of Hazardous and other Waste (Management and Trans-boundary Movement) Rules 2016 as amended up to date.

AMBIENT NOISE MONITORING REPORT

MoEF Recognized Environmental Laboratory valid up-to 08.02.2022		
Client's Name & Address	Report No.	041/1920
M/S IPCA Laboratories Limited. Industrial Estate, Pologround, Indore (M.P.)	Report Date	31.08.2019
	Lab Reference No.	SMSI/1920/Air/041/N-1 to N-3
	Date of Sampling	20.08.2019
	Time of Sampling	03:00 PM (Day) & 10:20 PM (Night)

Results:

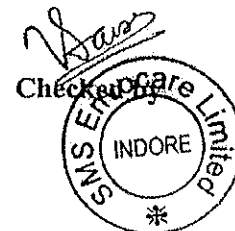
Sr. No.	Sampling Location	Distance	Stations	Day Time	Night Time	CPCB Standards	
						Day Time	Night Time
1	Main Gate	Within	Ambient	68.4	46.5	75	70
2	Near DG Set	Within	Ambient	74.1	49.2	75	70
3	ETP Area	Within	Ambient	74.2	68.5	75	70

Note: 1. All Values are in dB (A)

2. Day time shall mean from 6.00 A.M. to 10.00 P.M, Night time shall mean from 10.00 P.M. to 6.00 A.M.

For SMS Envocare Limited

Lab Incharge



Corporate Office : 20, IT Park, Parsodi, Nagpur - 440 022(India)

Ph.: +91-712-712 5000, 666 5200, Fax : +91 - 712-666 5100, 712 5000 Website : smsl.co.in

Indore Office : 1st floor, Pramukh Plaza, Plot No.9, Scheme No. 53, Behind Sajan Prabha Garden, Vijay Nagar,
Indore - 452 010, TeleFax: +91 731 - 4032744, Website : smsenvocare.co.in

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CIN : U74900MH2007PLC172774

SMS
ENVO CARE LIMITED

AMBIENT NOISE MONITORING REPORT

MoEF Recognized Environmental Laboratory valid up-to 08.02.2022		
Client's Name & Address	Report No.	064/1920
M/S IPCA Laboratories Limited. Industrial Estate, Pologround, Indore (M.P.)	Report Date	04.12.2019
	Lab Reference No.	SMSI/1920/Air/064/N-1 to N-3
	Date of Sampling	27.11.2019
	Time of Sampling	11:45 AM (Day) & 10:10 PM (Night)

Results:

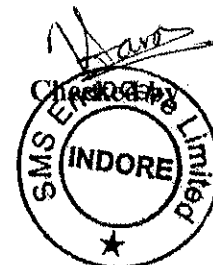
Sr. No.	Sampling Location	Distance	Stations	Day Time	Night Time	CPCB Standards	
						Day Time	Night Time
1	Main Gate	Within	Ambient	69.2	45.3	75	70
2	Near DG Set	Within	Ambient	74.6	47.5	75	70
3	ETP Area	Within	Ambient	74.0	68.9	75	70

Note: 1. All Values are in dB (A)

2. Day time shall mean from 6.00 A.M. to 10.00 P.M., Night time shall mean from 10.00 P.M. to 6.00 A.M.

For SMS Envocare Limited

Lab In-charge



Corporate Office : 20, IT Park, Parsodi, Nagpur - 440 022(India)

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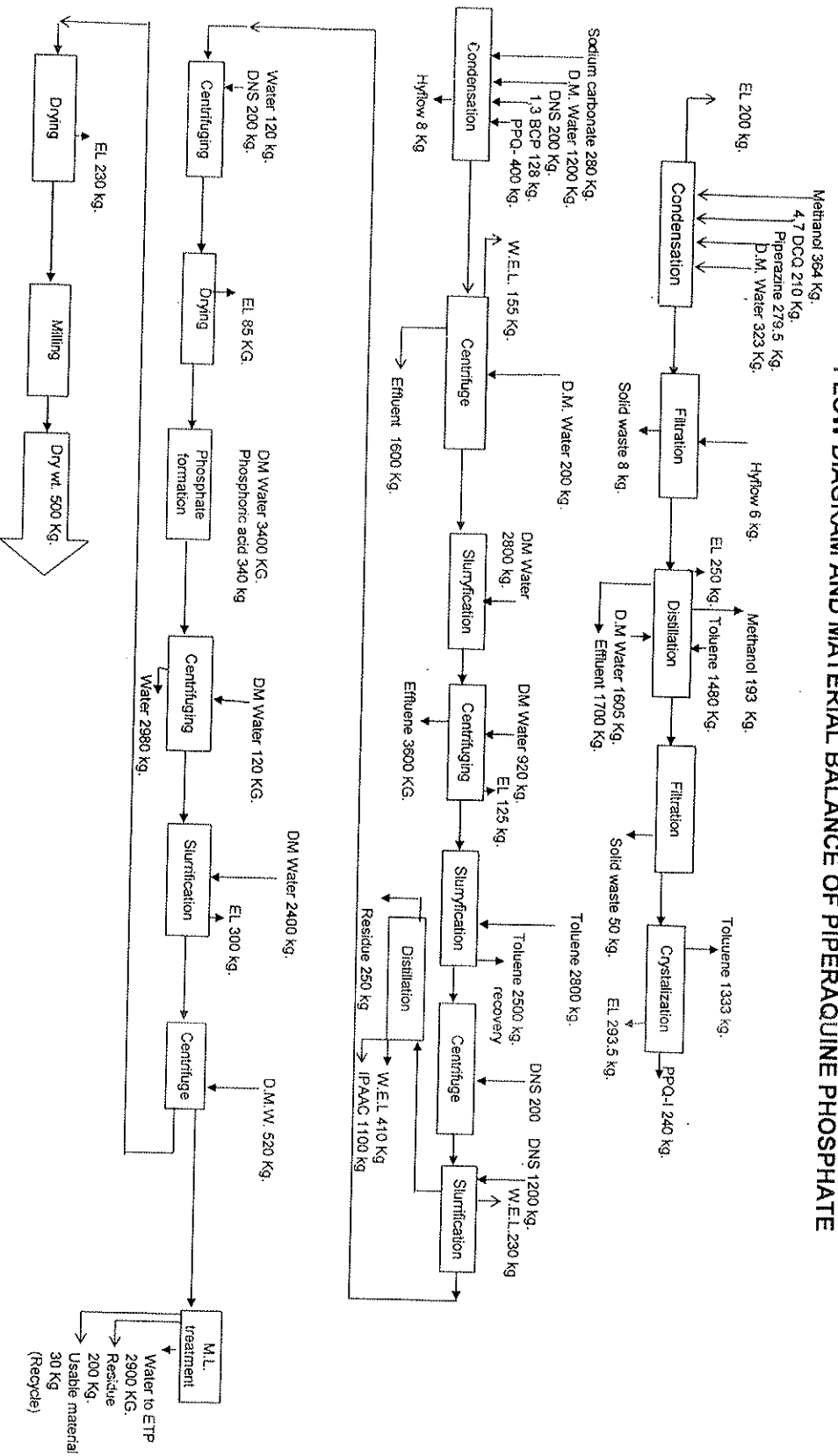
Indore - 452 010, TeleFax: +91 731 - 4032744, Website : smsenvocare.co.in

Regd. Office : 267, Ganesh Phadnavis Bhawan, Near Triangular Park, Dharampeth, Nagpur - 440 010(India)

CIN : U74900MH2007PLC172774

SMS
ENVOCARE LIMITED

FLOW DIAGRAM AND MATERIAL BALANCE OF PIPERAQUINE PHOSPHATE



Input	Qty. in Kg.	Out Put	Qty. in Kg.
Raw material & Solvent	12765.5	Effluent	15480.0
Water consumed in process and equip. wash	11208	Residue	508.0
		Evap. Losses	2381.5
		Material recovered	4564.0
		Product	1060.0
	23973.5		23973.5

Prepared by 08/08/15

Checked by 08/08/15

Stage wise material balance of Piperazine Phosphate

Stage of process	Raw material input (Kg) A	Water input for process & eqp. Wash (Kg) B	Effluent Gen. going to ETP (Kg) C	Evaporation losses (Kg) D	Waste generation (Kg) E	Material recovered (Kg) F	PRODUCT (final batch size) (Kg) G
Stage I PPQ-I							
Condensation	853.50	323.00	0.00	200.00	0.00	0.00	0.00
Filtration	6.00	00	0.00	250.00	8.00	0.00	0.00
Distillation	1480.00	1605.00	1700.00	0.00	0.00	193.00	0.00
Crystallization	0.00	0.00	0.00	293.5	50.00	1333.00	0.00
Total	2339.5	1928	1700	743.5	58	1526	240
Stage-II PPQ-II							
Condensation	966.00	1200.00	0.00	00.00	00.00	0.00	0.00
Centrifuging	0.00	200.00	1600.00	155.00	0.00	0.00	0.00
Slurrification (I)	0.00	2800.00	0.00	0.00	00.00	0.00	0.00
Centrifuging	0.00	920.00	3600.00	125.00	0.00	0.00	0.00
Slurrification (II)	2408.00	0.00	0.00	50.00	0.00	2150.00	0.00
Centrifuging	158.00	0.00	0.00	00.00	00.00	0.00	0.00
Slurrification (III)	936.00	0.00	0.0	230.00	0.00	0.00	0.00
Distillation	0.00	0.00	0.00	410.00	250.00	858.00	0.00
Centrifuging	158.00	120.00	0.00	33.00	0.00	00.00	0.00
Drying	00.00	0.00	0.00	85.00	0.00	0.00	0.00
Total	4626	5240	5200	1088	250	3008	320.00
Stage-III							
Phosphate formation	660.00	3400.00	0.00	00.00	00.00	0.00	0.00
Centrifuging	0.00	120.00	2980.00	0.00	0.00	0.00	0.00
Slurrification	2400.00	0.00	0.00	300.00	0.00	0.00	0.00
Centrifuging	0.00	520.00	0.00	0.00	0.00	0.00	0.00
ML treatment	40.00	0.00	2900.00	0.00	200.00	30.00	0.00
Drying	0.00	0.00	0.00	230.00	0.00	0.00	0.00
Cleaning water	2700.00	0.00	2700.00	0.00	0.00	0.00	500.00
Total	5800	4040	8580	530	200	30	500.00

Stage I- PPQ-I
Total input (A+B) = 4267.5 kg
Total output (C+D+E+F+G) = 4267.5 kg

Stage II- PPQ-II
Total input (A+B) = 9866.0kg
Total output (C+D+E+F+G) = 9866.0kg

Stage-III
Total input (A+B) = 9840.0kg
Total output (C+D+E+F+G) = 9840.0kg

Prepared by 08/08/15

Checked by 08/08/15