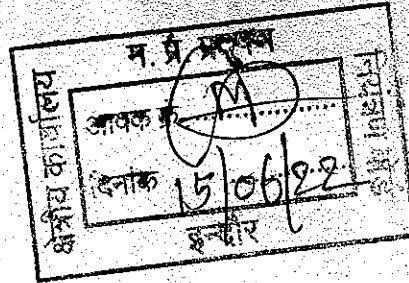


o/c

Date : 11 June ' 2022

**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-IAII(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 December '2021 to May '2022

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  
(SrGM-Operations & Unit Head)

Encl : As above

Cc: The Member secretary, MPPCB Bhopal  
Cc: The Member secretary, SEIAA Bhopal  
CC: The Regional Officer , MPPCB Indore

**Ipca Laboratories Ltd. Indore**  
**EC Specific condition Compliance**

**For the period of December 2021' to May '2022**

For the period of December 2021 to May 2022

S. No	Conditions of Environment Clearance	Status of Compliance																																								
A	Specific Conditions																																									
1	National Emission Standards for Organic Chemicals Manufacturing industry issued by the Ministry vide G.S.R. 608(E) DATE 21 <sup>st</sup> 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 &amp; effluent is being done by MPPCB and approved MoEF &amp; CC recognized lab (M/s AZIS Labs) on quarterly basis. Apart from that we are also monitoring PM-10, PM 2.5, Sox &amp; Nox parameter through In house environmental lab. Monthly analysis results being submitted to MPPCB ,Regional Office Indore.</p> <p>Ambient Air Quality Monitoring by AZIS Labs on Quarterly basis, results are given as per Annexure-01A .</p> <p>Same Quarterly Avg Results also given below</p> <table><tr><th rowspan="2">PARAMETERS</th><th rowspan="2">PERMISSIBLE LIMIT</th><th rowspan="2"></th><th colspan="2">RESULTS</th></tr><tr><th>AAQ-1</th><th>AAQ-2</th></tr><tr><td rowspan="3">Particulate Matter (PM<sub>10</sub>)</td><td rowspan="3">100ug/m<sup>3</sup></td><td>Min.</td><td>64.31</td><td>69.45</td></tr><tr><td>Max.</td><td>65.88</td><td>76.57</td></tr><tr><td>Avg.</td><td>65.01</td><td>73.01</td></tr><tr><td rowspan="3">Particulate Matter (PM<sub>2.5</sub>)</td><td rowspan="3">60ug/m<sup>3</sup></td><td>Min.</td><td>29.16</td><td>34.58</td></tr><tr><td>Max.</td><td>34.16</td><td>36.27</td></tr><tr><td>Avg.</td><td>31.66</td><td>35.43</td></tr><tr><td rowspan="3">Sulphur Dioxide(SO<sub>2</sub>)</td><td rowspan="3">80ug/m<sup>3</sup></td><td>Min.</td><td>33.43</td><td>30.93</td></tr><tr><td>Max.</td><td>34.79</td><td>34.13</td></tr><tr><td>Avg.</td><td>34.11</td><td>32.53</td></tr></table>	PARAMETERS	PERMISSIBLE LIMIT		RESULTS		AAQ-1	AAQ-2	Particulate Matter (PM <sub>10</sub> )	100ug/m <sup>3</sup>	Min.	64.31	69.45	Max.	65.88	76.57	Avg.	65.01	73.01	Particulate Matter (PM <sub>2.5</sub> )	60ug/m <sup>3</sup>	Min.	29.16	34.58	Max.	34.16	36.27	Avg.	31.66	35.43	Sulphur Dioxide(SO <sub>2</sub> )	80ug/m <sup>3</sup>	Min.	33.43	30.93	Max.	34.79	34.13	Avg.	34.11	32.53
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S. No	Conditions of Environment Clearance	Status of Compliance																																								
		<b>Treated Effluent Analysis Carried out by MPPCB , AZIS Labs and In-house :-</b>  <b>1. Summary of 5 months Average (December- 21 , January -22, February -22, March -22 &amp; ,April -22, RO Outlet Monitoring results done by MPPCB are given as below as per Annexure-02A</b>																																								
		<table border="1"> <thead> <tr> <th data-bbox="659 405 818 600" rowspan="2">Parameter</th><th data-bbox="818 405 954 600" rowspan="2">Permissible Limit</th><th colspan="3" data-bbox="954 405 1370 454">Results</th></tr> <tr> <th data-bbox="954 454 1086 600">Max.</th><th data-bbox="1086 454 1219 600">Min.</th><th data-bbox="1219 454 1370 600">Avg.</th></tr> </thead> <tbody> <tr> <td data-bbox="659 600 818 763">pH</td><td data-bbox="818 600 954 763">5.5 to 8.5</td><td data-bbox="954 600 1086 763">7.86</td><td data-bbox="1086 600 1219 763">7.42</td><td data-bbox="1219 600 1370 763">7.57</td></tr> <tr> <td data-bbox="659 763 818 927">Total Dissolved Solids (mg/l)</td><td data-bbox="818 763 954 927">2100</td><td data-bbox="954 763 1086 927">103</td><td data-bbox="1086 763 1219 927">19</td><td data-bbox="1219 763 1370 927">70</td></tr> <tr> <td data-bbox="659 927 818 1061">Suspended Solids (mg/l)</td><td data-bbox="818 927 954 1061">100</td><td data-bbox="954 927 1086 1061">0</td><td data-bbox="1086 927 1219 1061">3.0</td><td data-bbox="1219 927 1370 1061">2</td></tr> <tr> <td data-bbox="659 1061 818 1240">BOD (3 days at 27°C) (mg/l)</td><td data-bbox="818 1061 954 1240">30</td><td data-bbox="954 1061 1086 1240">1</td><td data-bbox="1086 1061 1219 1240">0.4</td><td data-bbox="1219 1061 1370 1240">0.6</td></tr> <tr> <td data-bbox="659 1240 818 1397">COD (mg/l)</td><td data-bbox="818 1240 954 1397">250</td><td data-bbox="954 1240 1086 1397">19.86</td><td data-bbox="1086 1240 1219 1397">7</td><td data-bbox="1219 1240 1370 1397">11.27</td></tr> <tr> <td data-bbox="659 1397 818 1599">Chloride (mg/l)</td><td data-bbox="818 1397 954 1599">1000</td><td data-bbox="954 1397 1086 1599">30.62</td><td data-bbox="1086 1397 1219 1599">11.74</td><td data-bbox="1219 1397 1370 1599">22.04</td></tr> </tbody> </table>			Parameter	Permissible Limit	Results			Max.	Min.	Avg.	pH	5.5 to 8.5	7.86	7.42	7.57	Total Dissolved Solids (mg/l)	2100	103	19	70	Suspended Solids (mg/l)	100	0	3.0	2	BOD (3 days at 27°C) (mg/l)	30	1	0.4	0.6	COD (mg/l)	250	19.86	7	11.27	Chloride (mg/l)	1000	30.62	11.74	22.04
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		<p>3. December -21 &amp; March - 2022 month, STP Outlet Monitoring results on quarterly basis done by M/s AZIS Labs are given as per Annexure-02C</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>Avg.</th></tr><tr><td>pH</td><td>5.5 to 9</td><td>7.36</td><td>6.83</td><td>7.10</td></tr><tr><td>Total Suspended Solids (mg/l)</td><td>100.0</td><td>72.0</td><td>53.0</td><td>62.5</td></tr><tr><td>BOD (3 days at 27°C) (mg/l)</td><td>30.0</td><td>16.0</td><td>11.0</td><td>13.5</td></tr><tr><td>COD (mg/l)</td><td>250.0</td><td>95.13</td><td>46.66</td><td>70.90</td></tr><tr><td>Fecal Coliform MPN/100ml</td><td>1000</td><td>900.0</td><td>350.0</td><td>625.0</td></tr><tr><td>Oil &amp; Grease mg/l</td><td>10.0</td><td>&lt; 1.0</td><td>&lt; 1.0</td><td>&lt; 1.0</td></tr></table> <ul style="list-style-type: none"><li>• ANNEXURE-02A ( RO Outlet Report by MPPCB )</li><li>• ANNEXURE-02B ( MEE Outlet Report by MPPCB )</li><li>• ANNEXURE-02C ( STP Outlet Report by AZIS Lab)</li><li>• ANNEXURE -02D ( RO Outlet Report by AZIS Lab )</li><li>• ANNEXURE -02E (MEE Outlet Report by AZIS Lab )</li><li>• ANNEXURE-02F ( Final Treated Effluent Report In house)</li></ul>	Parameter	Permissible Limit	Results			Max.	Min.	Avg.	pH	5.5 to 9	7.36	6.83	7.10	Total Suspended Solids (mg/l)	100.0	72.0	53.0	62.5	BOD (3 days at 27°C) (mg/l)	30.0	16.0	11.0	13.5	COD (mg/l)	250.0	95.13	46.66	70.90	Fecal Coliform MPN/100ml	1000	900.0	350.0	625.0	Oil & Grease mg/l	10.0	< 1.0	< 1.0	< 1.0
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2.	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 MoEF approved laboratory (AZIS Labs) &amp; photographs of Boiler Stack and Bag Filter is being attached as per Annexure No -03A, 03B &amp; 03C</p> <p>Same Quarterly Avg Results also given below:</p>																																						

S. No	Conditions of Environment Clearance	Status of Compliance				
		PARTICULARS		RESULTS	RESULTS	RESULTS
		Stack attached with		Boiler (5.0 Ton)	Boiler (3.0 Ton)	Fluid heater (10 Lac Kcal/hr 01 )
		Sampling Time	-	30 min	30 min	30 min
		Ambient Temperature	Max.	33.0 °C	33.0 °C	33.0 °C
			Min.	24.0 °C	24.0 °C	24.0 °C
			Avg.	28.5 °C	28.5 °C	28.5 °C
		Flue Gas Temperature	Max.	115.0 °C	125.0 °C	130.0 °C
			Min.	105.0 °C	109.0 °C	100.0 °C
			Avg.	110.0 °C	117.0 °C	115.0 °C
		Fuel Use	-	Coal	Gas	Coal
		Total Particulate Matter (TPM)	Max.	84.63 mg/Nm <sup>3</sup>	59.87 mg/Nm <sup>3</sup>	42.64 mg/Nm <sup>3</sup>
			Min.	74.29 mg/Nm <sup>3</sup>	50.76 mg/Nm <sup>3</sup>	41.24 mg/Nm <sup>3</sup>
			Avg.	79.46 mg/Nm <sup>3</sup>	55.32 mg/Nm <sup>3</sup>	41.94 mg/Nm <sup>3</sup>
		Sulphur Dioxide (SO <sub>2</sub> )	Max.	65.46 mg/Nm <sup>3</sup>	24.96 mg/Nm <sup>3</sup>	17.63mg/Nm <sup>3</sup>
			Min.	35.45 mg/Nm <sup>3</sup>	21.55 mg/Nm <sup>3</sup>	17.59 mg/Nm <sup>3</sup>
			Avg.	50.46 mg/Nm <sup>3</sup>	23.26 mg/Nm <sup>3</sup>	17.61 mg/Nm <sup>3</sup>
		Oxides of Nitrogen	Max.	46.19 mg/Nm <sup>3</sup>	28.56 mg/Nm <sup>3</sup>	24.82 mg/Nm <sup>3</sup>

S. No	Conditions of Environment Clearance	Status of Compliance				
		(NO <sub>x</sub> )	Min.	37.77 mg/Nm <sup>3</sup>	24.64 mg/Nm <sup>3</sup>	22.55 mg/Nm <sup>3</sup>
			Avg.	41.98 mg/Nm <sup>3</sup>	26.6 mg/Nm <sup>3</sup>	23.69 mg/Nm <sup>3</sup>
		Carbon Monoxide (CO)	Max.	6.84 mg/Nm <sup>3</sup>	5.68 mg/Nm <sup>3</sup>	—
			Min.	5.61 mg/Nm <sup>3</sup>	4.84 mg/Nm <sup>3</sup>	—
			Avg.	6.23 mg/Nm <sup>3</sup>	5.26 mg/Nm <sup>3</sup>	—
		<ul style="list-style-type: none"> <li>• ANNEXURE-03A ( Boiler stack 5 MT by Azis Labs )</li> <li>• ANNEXURE-03B ( Boiler stack 3 MT by Azis Labs)</li> <li>• ANNEXURE-03C (Fluid heater 10 Lac KiloCalorie/Hr by Azis Labs No 01 )</li> <li>• ANNEXURE-03D (Fluid heater 10 Lac KiloCalorie/Hr by Azis Labs No 02 )</li> <li>• ANNEXURE-03E (Photographs of Boiler Stack &amp; Bag Filter)</li> </ul>				

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 SO<sub>2</sub>.</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>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</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 &amp; Photograph of Scrubber are below as per (Annexure- 04A , 04B &amp; 04C)</p> <p>Same Quarterly Avg Results also given below</p> <table><tr><th>PARTICULATERS</th><th>SCRUBBER STACK (PLANT NO.1)</th><th>SCRUBBER STACK (PLANT NO.5)</th><th>SCRUBBER STACK (PLANT NO.4)</th></tr><tr><td>Stack attached with</td><td>Product 4,7 Di-chloroquino line</td><td>Product AMQ HCl connected with reactor</td><td>Product AMQ Base and HCQS connected</td></tr></table>	PARTICULATERS	SCRUBBER STACK (PLANT NO.1)	SCRUBBER STACK (PLANT NO.5)	SCRUBBER STACK (PLANT NO.4)	Stack attached with	Product 4,7 Di-chloroquino line	Product AMQ HCl connected with reactor	Product AMQ Base and HCQS connected
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Stack attached with	Product 4,7 Di-chloroquino line	Product AMQ HCl connected with reactor	Product AMQ Base and HCQS connected							

S. No	Conditions of Environment Clearance	Status of Compliance				
				connected with reactor		with reactor
	website and also provided to concerned SPCB & RO Of MEF&CC	Sampling Time	-	20 min	20 min	20 min
		Ambient Temp.	Max	33.0 °C	33.0°C	33.0°C
			Min	24.0°C	24.0°C	24.0°C
			Avg.	28.5 °C	28.5°C	28.5°C
		Flue Gas Temp.	Max	69.0 °C	59.0°C	59.0°C
			Min	64.0 °C	56.0°C	59.0°C
			Avg.	66.5 °C	57.5 °C	59.0°C
		Total Particulate Matter (TPM)	Max	5.58 mg/Nm <sup>3</sup>	3.97 mg/Nm <sup>3</sup>	7.82 mg/Nm <sup>3</sup>
			Min.	5.07 mg/Nm <sup>3</sup>	3.44 mg/Nm <sup>3</sup>	6.73 mg/Nm <sup>3</sup>
			Avg.	5.33 mg/Nm <sup>3</sup>	3.71 mg/Nm <sup>3</sup>	7.28 mg/Nm <sup>3</sup>
		Sulphur Dioxide (SO <sub>2</sub> )	-	Nil	Nil	Nil
		HCl Fumes	Max	0.28ug/m <sup>3</sup>	0.84ug/nm <sup>3</sup>	0.53 ug/m <sup>3</sup>
			Min.	0.14ug/m <sup>3</sup>	0.49ug/nm <sup>3</sup>	0.34ug/m <sup>3</sup>
			Avg.	0.21 ug/m <sup>3</sup>	0.67ug/nm <sup>3</sup>	0.44 ug/m <sup>3</sup>

The emission levels is not going beyond the prescribed standards.

As per CPCB 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 .

- ANNEXURE-04A (Scrubber Plant No 01 by Azis Labs)
- ANNEXURE-04B ( Scrubber Plant No 05 by Azis Labs)
- ANNEXURE-04C ( Scrubber Plant No 04 by Azis Labs)

S. No	Conditions of Environment Clearance	Status of Compliance
		<ul style="list-style-type: none"> <li>• ANNEXURE-04D ( Photograph of Scrubbers)</li> </ul>
4	<p>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 shall simultaneously be sent to the Regional office of MOEF, the respective zonal office of CPBP and MP Pollution Control Board (MPPCB).</p>	<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 MPPCB 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> <p>Monitoring report are given as following :</p> <ul style="list-style-type: none"> <li>• ANNEXURE-01A (Ambient air report by AZIS Labs)</li> <li>• ANNEXURE-01B ( Ambient air report by In house )</li> </ul>
5.	<p>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 &amp; 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>	<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 precision and keep the housekeeping of the area in order .</p> <p>All emissions are within stipulated limits of MPPCB. Same Quarterly Avg Results also given below</p> <ul style="list-style-type: none"> <li>• ANNEXURE-03A ( Boiler stack 5 MT by Azis Labs )</li> <li>• ANNEXURE-03B ( Boiler stack 3 MT by Azis Labs)</li> <li>• ANNEXURE-03C (Fluid heater 10 Lac KiloCalorie/Hr by Azis Labs No 01 )</li> <li>• ANNEXURE-03D (Fluid heater 10 Lac KiloCalorie/Hr by Azis Labs No 02 )</li> <li>• ANNEXURE-03E (Photographs of Boiler Stack &amp; Bag Filter)</li> <li>• ANNEXURE-03F( DG stack 600 KVA by AZIS Labs)</li> <li>• ANNEXURE-03G (DG stack 650 KVA by AZIS Labs)</li> <li>• ANNEXURE-03H (DG stack 125 KVA by AZIS Labs)</li> <li>• ANNEXURE-03I (DG stack 1010 KVA by AZIS Labs)</li> <li>• ANNEXURE-03J (Photograph of DG Set with Acoustic Enclosure)</li> </ul>

S. No	Conditions of Environment Clearance	Status of Compliance																										
6.	<p>For further control of fugitive emissions, following steps shall be followed :-</p> <p>(i) Closed handling system shall be provided for chemicals.</p> <p>(ii) Reflux condenser shall be provided over reactor.</p> <p>(iii) System of leak detection and repair of pump/pipeline based on preventive maintenance.</p> <p>(iv) The acids shall be taken from storage tanks to reactors through closed pipeline. Storage tanks shall be vented through trap receiver and condenser operated on chilled water.</p> <p>(v) Cathodic protection shall be provided to the underground solvent storage tanks.</p>	<p>For further control of fugitive emissions, following steps are followed:-</p> <p>(i) Yes we have closed handling system for chemicals i.e. storage tank pumps and pipelines with day storage tank.</p> <p>(ii) Yes it is available on each reactor .</p> <p>(iii) We have preventive maintenance schedule for all the equipment's installed at site for addressing the issues of leakages &amp; repairs .All Acid are handled in closed system through tanks and pipelines</p> <p>(iv) All Acid are handled in closed system through tanks and pipelines</p> <p>(v) Cathodic protection is provided on both the tanks of underground solvent tanks which is installed as per PESO guidelines and licenses</p>																										
7.	<p>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.</p>	<p>Adequate stack height ( 10.8 mtrs ) is provided for all the DG sets . Stack Emission is being monitored by third party (Azis Labs) and Photograph of DG Set with Acoustic enclosure attached as per Annexure-3F &amp;3I Same Quarterly Avg Results also given below</p> <table><tr><th>PARTICULARS</th><th></th><th>RESULTS</th><th>RESULTS</th></tr><tr><th>Stack attached with</th><th></th><th>DG 600 KVA</th><th>DG ( 1010 KVA)</th></tr><tr><td>Sampling Time</td><td>-</td><td>20 min</td><td>20 min</td></tr><tr><td rowspan="3">Ambient Temperature</td><td>Max</td><td>33.0 °C</td><td>33.0 °C</td></tr><tr><td>Min.</td><td>24.0 °C</td><td>24.0°C</td></tr><tr><td>Avg.</td><td>28.5 °C</td><td>28.5°C</td></tr><tr><td>Flue Gas</td><td>Max</td><td>89.0 °C</td><td>85.0 °C</td></tr></table>	PARTICULARS		RESULTS	RESULTS	Stack attached with		DG 600 KVA	DG ( 1010 KVA)	Sampling Time	-	20 min	20 min	Ambient Temperature	Max	33.0 °C	33.0 °C	Min.	24.0 °C	24.0°C	Avg.	28.5 °C	28.5°C	Flue Gas	Max	89.0 °C	85.0 °C
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S. No	Conditions of Environment Clearance	Status of Compliance			
		Temperature	Min.	84.0 °C	79.0 °C
			Avg.	86.5 °C	82.0 °C
		Fuel Use	-	HSD	HSD
		Total Particulate Matter (TPM)	Max	0.15g/KW-h	39.53mg/Nm <sup>3</sup>
			Min.	0.14g/KW-h	38.55mg/Nm <sup>3</sup>
			Avg.	0.15 g/KW-h	39.04mg/Nm <sup>3</sup>
		Sulphur Dioxide (SO <sub>2</sub> )	Max	0.28 g/KW-h	21.84mg/Nm <sup>3</sup>
			Min.	0.07 g/KW-h	21.60mg/Nm <sup>3</sup>
			Avg.	0.18g/KW-h	21.72mg/Nm <sup>3</sup>
		Oxides of Nitrogen (NO <sub>x</sub> )	Max	2.91 g/KW-h	33.73mg/Nm <sup>3</sup>
			Min.	2.35 g/KW-h	24.26mg/Nm <sup>3</sup>
			Avg.	2.63 g/KW-h	29.00mg/Nm <sup>3</sup>
		Carbon Monoxide (CO)	Max	2.74g/KW-h	28.41mg/Nm <sup>3</sup>
			Min.	1.86g/KW-h	23.87mg/Nm <sup>3</sup>
			Avg.	2.30g/KW-h	26.14mg/Nm <sup>3</sup>
<ul style="list-style-type: none"><li>• ANNEXURE-03F (DG stack 600 KVA by AZIS Labs )</li><li>• ANNEXURE-03G (DG stack 650 KVA by AZIS Labs)</li><li>• ANNEXURE-03H (DG stack 125 KVA by AZIS Labs)</li><li>• ANNEXURE-03I (DG stack1010 KVA by AZIS Labs)</li><li>• ANNEXURE-03J (Photograph of DG Set with Acoustic Enclosure)</li></ul>					

S. No	Conditions of Environment Clearance	Status of Compliance
8.	<p>Solvent management shall be carried out as follows:</p> <p>A) Reactor shall be connected to chilled brine condenser system.</p> <p>B) Reactor and solvent handling pump shall have mechanical seals to prevent leakages.</p> <p>C) The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.</p> <p>D) Solvents shall be stored in a separate space specified with all safety measures.</p> <p>E) Proper earthing shall be provided in all the electrical equipments wherever solvent handling is done.</p> <p>F) Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.</p> <p>g) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.</p>	<p>For Solvent management following facilities are being carried out at site:</p> <p>A. Reactors condensers are connected with necessary cooling arrangement like Brine, Chilling, Cooling water etc.</p> <p>B. Mechanical seal pumps are used for handling of solvent.</p> <p>C. For effective recovery efficient condensers has been installed after calculating required HTA .</p> <p>D. Solvent are stored separately in licensed premises as per PESO norms .</p> <p>E. Proper earthing has been provided to all equipments and regular inspections are done to maintain continuity.</p> <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>

S. No	Conditions of Environment Clearance	Status of Compliance																															
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( December 2021 to May 2022) High COD/TDS and low COD/TDS effluent</p> <table><tr><th rowspan="2">Month</th><th colspan="3">Waste water generation (kl/day)</th></tr><tr><th>ETP</th><th>MEE</th><th>Total</th></tr><tr><td>Dec,2021</td><td>55.6</td><td>2.6</td><td>58.2</td></tr><tr><td>Jan,2022</td><td>61.4</td><td>2.3</td><td>63.7</td></tr><tr><td>Feb.2022</td><td>68.3</td><td>7.9</td><td>76.2</td></tr><tr><td>Mar.2022</td><td>65.1</td><td>17.4</td><td>82.5</td></tr><tr><td>April,2022</td><td>58.3</td><td>23.5</td><td>81.8</td></tr><tr><td>May,2022</td><td>64.3</td><td>20.9</td><td>85.2</td></tr></table>	Month	Waste water generation (kl/day)			ETP	MEE	Total	Dec,2021	55.6	2.6	58.2	Jan,2022	61.4	2.3	63.7	Feb.2022	68.3	7.9	76.2	Mar.2022	65.1	17.4	82.5	April,2022	58.3	23.5	81.8	May,2022	64.3	20.9	85.2
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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 MPPCB Server.																															
11	Process effluent/any waste water shall not be allowed to mix with storm water.  Storm water drain shall be passed through guard pond.	<p>Storm water drain constructed and it is ensured that waste water is not mixing in It .</p> <p>Storm water management is done through gate valves after due checking of quality of storm water .</p>																															

S. No	Conditions of Environment Clearance	Status of Compliance
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-52927 valid up to 2025  (ii) Fly ash from boiler is being sent to Brick Manufacturer as per CPCB guideline.
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  <b>ANNEXURE-5 ( Authorization No: H-52927 )</b>
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	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 .

S. No	Conditions of Environment Clearance	Status of Compliance															
	regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash & dust shall be avoided.																
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.	Being Complied.															
19	As proposed, green belt over 930m <sup>2</sup> . 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 <sup>2</sup> . 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> <p>Photographs attached as per Annexure - 11 ( Green belt)</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 &amp; CSR Policy is given below as per annexure-6A &amp; 6B.</p> <table border="1"> <thead> <tr> <th>S.No.</th><th>Financial Year</th><th>CSR Expenses 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> </tbody> </table>	S.No.	Financial Year	CSR Expenses Amount (in lakhs)	1	2015-16	14.0	2	2016-17	34.0	3	2017-18	18.0	4	2018-19	21.0
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4	2018-19	21.0															

S. No	Conditions of Environment Clearance	Status of Compliance		
		5	2019-20	7.5
		6	2020-21	5.6
		7	2021-22	6.2
		8	2022-2023	2.25
		<ul style="list-style-type: none"> <li>Annexure-6A (CSR Expenses)</li> <li>Annexure-6B (CSR Policy)</li> </ul>		
21	<p>The company shall submit within three months their policy towards Corporate environment responsibility which should inter-alia address</p> <p>(i) Standard operating process/procedure to bring into focus any infringement/deviation/ violation of environmental or forest norms/conditions,</p> <p>(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 (Organogram of the Department)</p> <p>(iii) We have Corporate EHS management system for addressing all environmental issues/implementation of compliance status with the board of directors.</p> <ul style="list-style-type: none"> <li>Annexure-07 (Organogram of the Department)</li> </ul>		

S. No	Conditions of Environment Clearance	Status of Compliance
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>It was the brown field project and required some modification which have been done.</p>



**Ipca Laboratories Ltd. Indore**  
**EC General Condition Compliance**

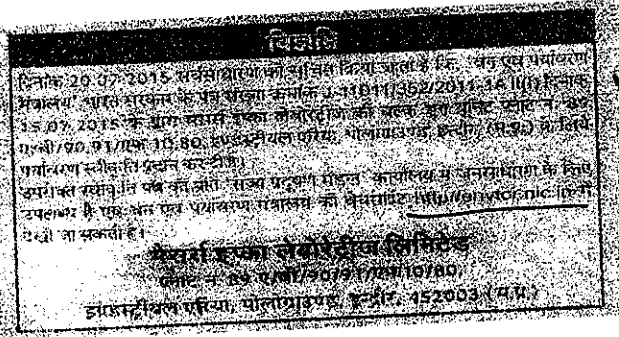
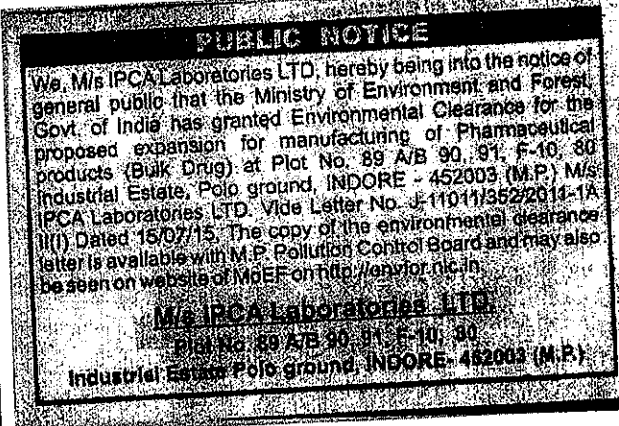
**For the period of June' 2021 to November' 2021**

S. No	Conditions of Environment Clearance	Status of Compliance
<b>A</b>	<b>Specific Conditions</b>	
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 <b>Annexure-08 (Compliance of air,water and Authorization of Hazardous waste )</b>
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.	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 Azis Labs) 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. Ambient Air Quality Monitoring results are given as : <b>. ANNEXURE-01 A ( Ambient air report by AZIS Labs)</b> <b>. ANNEXURE-01 B ( Ambient air report by In house )</b>

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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.																																														
5.	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>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 equipment's 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"></th><th>DAY TIME</th><th>NIGHT TIME</th><th colspan="2">CPCB STANDARDS</th></tr><tr><th>dB</th><th>dB</th><th>DAY TIME dB</th><th>NIGHT TIME dB</th></tr><tr><td rowspan="3">Main Gate</td><td>Max.</td><td>69.8</td><td>62.8</td><td rowspan="3">75</td><td rowspan="3">70</td></tr><tr><td>Min.</td><td>67.9</td><td>58.9</td></tr><tr><td>Avg.</td><td>68.9</td><td>60.9</td></tr><tr><td rowspan="3">Near DG Set</td><td>Max.</td><td>69.9</td><td>64.4</td><td rowspan="3">75</td><td rowspan="3">70</td></tr><tr><td>Min.</td><td>59.3</td><td>52.3</td></tr><tr><td>Avg.</td><td>64.6</td><td>58.4</td></tr><tr><td rowspan="3">ETP Area</td><td>Max.</td><td>68.4</td><td>63.9</td><td rowspan="3">75</td><td rowspan="3">70</td></tr><tr><td>Min.</td><td>58.7</td><td>49.4</td></tr><tr><td>Avg.</td><td>63.6</td><td>56.7</td></tr></table> <p>ANNEXURE-09 ( Ambient Noise monitoring report by AZIS</p>	SAMPLING LOCATION		DAY TIME	NIGHT TIME	CPCB STANDARDS		dB	dB	DAY TIME dB	NIGHT TIME dB	Main Gate	Max.	69.8	62.8	75	70	Min.	67.9	58.9	Avg.	68.9	60.9	Near DG Set	Max.	69.9	64.4	75	70	Min.	59.3	52.3	Avg.	64.6	58.4	ETP Area	Max.	68.4	63.9	75	70	Min.	58.7	49.4	Avg.	63.6	56.7
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Near DG Set	Max.	69.9	64.4	75	70																																											
	Min.	59.3	52.3																																													
	Avg.	64.6	58.4																																													
ETP Area	Max.	68.4	63.9	75	70																																											
	Min.	58.7	49.4																																													
	Avg.	63.6	56.7																																													

S. No	Conditions of Environment Clearance	Status of Compliance
		Lab )
6.	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>We have received Hazardous Waste authorization as per Hazardous waste (Management, Handling and Trans-Boundary Movement) Rules, 2016</p> <p>Authorization No- H-52927 (valid up to-31/12/2025)</p> <p><b>ANNEXURE-05 ( Authorization No:H-52927 )</b></p>
7.	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>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 &amp; Containment )</p>
8	Usage of Personnel Protection Equipments by all employees/workers shall be ensured.	PPE'S matrix available at site
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 as per Training calender.</p> <p>We are conducting regular health checkup of our employees as per dedicated SOP of Medical Examination.</p>

S. No	Conditions of Environment Clearance	Status of Compliance
10.	The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	<p>We have CSR policy and actions are being taken accordingly time to time. Year wise expenditure details are given as per Annexure-06A &amp; 06B</p> <ul style="list-style-type: none"> <li>• Annexure-06A (CSR Expenses)</li> <li>• Annexure-06B (CSR Policy)</li> </ul>
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 Real Time 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	<p>We have separate EHS team and full fledged laboratory for environment management and monitoring.As per</p> <ul style="list-style-type: none"> <li>• Annexure-07 (Organogram of the Department)</li> </ul>
13.	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/Municipal Corporation Urban local Body and the local NGO, if any, from who suggestions/representations, if any were received while processing the proposal.	<p>Letter sent on 24.07.15 to all concern . Copy of the same is being attached as Annexure-10</p> <ul style="list-style-type: none"> <li>• Annexure-10 (Clearance Letter)</li> </ul>
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 09 June'2021 for the period of (December 2020 to May 2021)

S. No	Conditions of Environment Clearance	Status of Compliance
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 26/08/2021
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 <a href="http://moef.nic.in">http://moef.nic.in</a> . 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 copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	<p>Granted EC Information published in news paper in dual language and same is also available on the website of <a href="http://envfor.nic.in">http://envfor.nic.in</a></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 31/01/2023 Consent No:AW-55119



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 ► Lab Contact No.: 98898 89316, 98270 08819, 7089333892  
 ► Email: info@azislabs.com, j.dingwani@azislabs.com, Visit: www.azislabs.in

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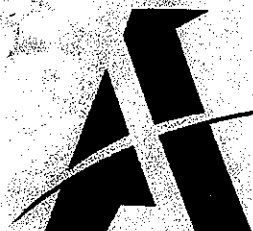
## Test Report

Page 1 of 2

Report No.		EN-20220324006			
Report Issue Date		07/04/2022			
1. Report issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report issued to (Name & Address): IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India					
3. Sample forwarding letter No. & Date NA					
4. Sample Name		5. Sample received date		6. Sample Condition	
Ambient Air		24/03/2022		Good	
7. Sampling done by	8. Sampling Date	9. Sampling Location		10. Sampling Time	11. Sampling Duration
Azis Labs	24/03/2022	Near ETP		10:55 Hrs.	24 Hrs.
12. Ambient Temperature		13. Relative Humidity		14. Wind direction	
33°C		28%		From North West	
15. Analysis Start Date		16. Analysis End Date			
25/03/2022		07/04/2022			
17. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
01.	Particulate Matter (less than 10 µm) or PM10	µg/m <sup>3</sup>	64.31	Max. 100	IS 5182 (Part 23) 2006
02.	Particulate Matter (less than 2.5 µm) or PM2.5	µg/m <sup>3</sup>	29.16	Max. 60	AZSTP/ENV/004-00 Based on Guideline by CPCB NAAQMS/36/2012-13
03.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	34.79	Max. 80	IS 5182 (Part 2) 2001
04.	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	37.47	Max. 80	IS 5182 (Part 6) 2006
05.	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	BDL	Max. 100	IS 5182 (Part 09) 1974
06.	Lead (Pb)	µg/m <sup>3</sup>	BDL	Max. 1.0	IS 5182 (Part 22) 2004
07.	Carbon Monoxide (CO)	µg/m <sup>3</sup>	754.38	Max. 2000	IS 5182 (Part 10) 1999
08.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL	Max. 400	AZSTP/ENV/008-00 Based on Guideline by CPCB NAAQMS/36/2012-13
09.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL	Max. 05	IS 5182 (Part 11) 2006
10.	Benzo (a) pyrene (BaP)	ng/m <sup>3</sup>	BDL	Max. 01	IS 5182 (Part 12) 2004
11.	Arsenic (As)	ng/m <sup>3</sup>	BDL	Max. 06	AZSTP/ENV/009-00 Based on Guideline by CPCB NAAQMS/36/2012-13

  
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## Test Report

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12.	Nickel (Ni)	ng/m <sup>3</sup>	BDL	Max. 20	AZSTP/ENV/011-00 Based on Guideline by CPCB NAAQMS/36/2012-13
13.	Total Volatile Organic Compound (TVOC)	ppm	6.9	Max 30	Based on Guideline by CPCB NAAQMS/36/2012-13
14.	Hydrochloric Acid (HCL)	µg/m <sup>3</sup>	Nil	Max 20000	Based on Guideline by CPCB NAAQMS/36/2012-13

### Note:

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2. The results are related only to the sample tested.
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6. NABL Accredited Lab (ISO /IEC 17025 :2017) Valid until 05/06/2023

  
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## Test Report

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Report No.		EN-20211225008			
Report Issue Date		13/01/2022			
1. Report issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report issued to (Name & Address)			3. Sample forwarding letter No. & Date		
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India			24/12/2021		
4. Sample Name		5. Sample received date		6. Sample Condition	
Ambient Air		25/12/2021		Good	
7. Sampling done by	8. Sampling Date	9. Sampling Location	10. Sampling Time	11. Sampling Duration	
Azis Labs	24/12/2021	Near ETP	11:40 Hrs.	24 Hrs.	
12. Ambient Temperature		13. Relative Humidity		14. Wind direction	
24°C		57%		From North East	
15. Analysis Start Date		16. Analysis End Date			
27/12/2021		13/01/2022			
17. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
01.	Particulate Matter (less than 10 µm) or PM10	µg/m <sup>3</sup>	65.88	Max. 100	IS 5182 (Part 23) 2006
02.	Particulate Matter (less than 2.5 µm) or PM2.5	µg/m <sup>3</sup>	34.16	Max. 60	AZSTP/ENV/004-00 Based on Guideline by CPCB NAAQMS/36/2012-13
03.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	33.43	Max. 80	IS 5182 (Part 2) 2001
04.	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	40.77	Max. 80	IS 5182 (Part 6) 2006
05.	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	BDL	Max. 100	IS 5182 (Part 09) 1974
06.	Lead (Pb)	µg/m <sup>3</sup>	BDL	Max. 1.0	IS 5182 (Part 22) 2004
07.	Carbon Monoxide (CO)	µg/m <sup>3</sup>	846.94	Max. 2000	IS 5182 (Part 10) 1999
08.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL	Max. 400	AZSTP/ENV/008-00 Based on Guideline by CPCB NAAQMS/36/2012-13
09.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL	Max. 05	IS 5182 (Part 11) 2006
10.	Benzo (a) pyrene (BaP)	ng/m <sup>3</sup>	BDL	Max. 01	IS 5182 (Part 12) 2004
11.	Arsenic (As)	ng/m <sup>3</sup>	BDL	Max. 06	AZSTP/ENV/009-00 Based on Guideline by CPCB NAAQMS/36/2012-13

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12.	Nickel (Ni)	ng/m <sup>3</sup>	BDL	Max. 20	AZSTP/ENV/011-00 Based on Guideline by CPCB NAAQMS/36/2012-13
13.	Total Volatile Organic Compound (TVOC)	ppm	5.7	Max 30	Based on Guideline by CPCB NAAQMS/36/2012-13
14.	Hydrochloric Acid (HCL)	µg/m <sup>3</sup>	Nil	Max 20000	Based on Guideline by CPCB NAAQMS/36/2012-13

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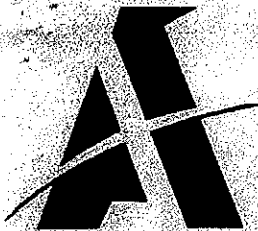
Page 1 of 2

Report No.		EN-20220324005			
Report Issue Date		07/04/2022			
1. Report issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report issued to (Name & Address)			3. Sample forwarding letter No. & Date		
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India			NA		
4. Sample Name		5. Sample received date		6. Sample Condition	
Ambient Air		24/03/2022		Good	
7. Sampling done by	8. Sampling Date	9. Sampling Location	10. Sampling Time	11. Sampling Duration	
Azis Labs	24/03/2022	Near Main Gate	10:40 Hrs.	24 Hrs.	
12. Ambient Temperature		13. Relative Humidity		14. Wind direction	
33°C		28%		From North West	
15. Analysis Start Date		16. Analysis End Date			
25/03/2022		07/04/2022			
17. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
01.	Particulate Matter (less than 10 µm) or PM10	µg/m <sup>3</sup>	76.57	Max. 100	IS 5182 (Part 23) 2006
02.	Particulate Matter (less than 2.5 µm) or PM2.5	µg/m <sup>3</sup>	34.58	Max. 60	AZSTP/ENV/004-00 Based on Guideline by CPCB NAAQMS/36/2012-13
03.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	30.93	Max. 80	IS 5182 (Part 2) 2001
04.	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	39.38	Max. 80	IS 5182 (Part 6) 2006
05.	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	BDL	Max. 100	IS 5182 (Part 09) 1974
06.	Lead (Pb)	µg/m <sup>3</sup>	BDL	Max. 1.0	IS 5182 (Part 22) 2004
07.	Carbon Monoxide (CO)	µg/m <sup>3</sup>	854.22	Max. 2000	IS 5182 (Part 10) 1999
08.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL	Max. 400	AZSTP/ENV/008-00 Based on Guideline by CPCB NAAQMS/36/2012-13
09.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL	Max. 05	IS 5182 (Part 11) 2006
10.	Benzo (a) pyrene (BaP)	ng/m <sup>3</sup>	BDL	Max. 01	IS 5182 (Part 12) 2004
11.	Arsenic (As)	ng/m <sup>3</sup>	BDL	Max. 06	AZSTP/ENV/009-00 Based on Guideline by CPCB NAAQMS/36/2012-13

  
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12.	Nickel (Ni)	ng/m <sup>3</sup>	BDL	Max. 20	AZSTP/ENV/011-00 Based on Guideline by CPCB NAAQMS/36/2012-13
13.	Total Volatile Organic Compound (TVOC)	ppm	5.73	Max 30	Based on Guideline by CPCB NAAQMS/36/2012-13
14.	Hydrochloric Acid (HCL)	µg/m <sup>3</sup>	Nil	Max 20000	Based on Guideline by CPCB NAAQMS/36/2012-13

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Report No.		EN-20211225033			
Report Issue Date		13/01/2022			
1. Report issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report issued to (Name & Address)		3. Sample forwarding letter No. & Date			
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India		24/12/2021			
4. Sample Name		5. Sample received date	6. Sample Condition		
Ambient Air		25/12/2021	Good		
7. Sampling done by	8. Sampling Date	9. Sampling Location	10. Sampling Time		
Azis Labs	24/12/2021	Near Main Gate	11:25 Hrs.		
12. Ambient Temperature		13. Relative Humidity	14. Wind direction		
24°C		57%	From North East		
15. Analysis Start Date		16. Analysis End Date			
27/12/2021		13/01/2022			
17. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
01.	Particulate Matter (less than 10 µm) or PM10	µg/m <sup>3</sup>	69.45	Max. 100	IS 5182 (Part 23) 2006
02.	Particulate Matter (less than 2.5 µm) or PM2.5	µg/m <sup>3</sup>	36.27	Max. 60	AZSTP/ENV/004-00 Based on Guideline by CPCB NAAQMS/36/2012-13
03.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	34.13	Max. 80	IS 5182 (Part 2) 2001
04.	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	41.82	Max. 80	IS 5182 (Part 6) 2006
05.	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	BDL	Max. 100	IS 5182 (Part 09) 1974
06.	Lead (Pb)	µg/m <sup>3</sup>	BDL	Max. 1.0	IS 5182 (Part 22) 2004
07.	Carbon Monoxide (CO)	µg/m <sup>3</sup>	946.24	Max. 2000	IS 5182 (Part 10) 1999
08.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL	Max. 400	AZSTP/ENV/008-00 Based on Guideline by CPCB NAAQMS/36/2012-13
09.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL	Max. 05	IS 5182 (Part 11) 2006
10.	Benzo (a) pyrene (BaP)	ng/m <sup>3</sup>	BDL	Max. 01	IS 5182 (Part 12) 2004
11.	Arsenic (As)	ng/m <sup>3</sup>	BDL	Max. 06	AZSTP/ENV/009-00 Based on Guideline by CPCB NAAQMS/36/2012-13

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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



# AzisLabs

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RECOGNIZED BY MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE (MoEFCC), NEW DELHI  
ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

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## Test Report

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12.	Nickel (Ni)	ng/m <sup>3</sup>	BDL	Max. 20	AZSTP/ENV/011-00 Based on Guideline by CPCB NAAQMS/36/2012-13
13.	Total Volatile Organic Compound (TVOC)	ppm	4.9	Max 30	Based on Guideline by CPCB NAAQMS/36/2012-13
14.	Hydrochloric Acid (HCL)	µg/m <sup>3</sup>	Nil	Max 20000	Based on Guideline by CPCB NAAQMS/36/2012-13

### Note:

1. The legal liabilities limited up to the analytical charges only.
2. The results are related only to the sample tested.
3. This reports shall not be reproduced without the written approval of Azis Labs.
4. Specification as per MoEF&CC/CPCB/MPPCB.
5. MOEF Recognized environment Laboratory valid up to 28/02/2023(Q. 15018/02/2019)
6. NABL Accredited Lab (ISO /IEC 17025 :2017) Valid Till The renewal of Accreditation.

  
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ANNEXURE-01B

Ipsa Laboratories Limited, Indore

Ambient air quality monitoring (Average) from December -2021 to May-2022

Location	Parameters	MPPCB Standards Norms	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Max.	Min.	Average
Near ETP	PM 10	100 Max ug/m <sup>3</sup>	57.1	65.0	61.9	57.1	60.0	55.0	65.00	55	59.35
	PM2.5	60 Max ug/m <sup>3</sup>	45.0	38.0	40.0	33.3	38.0	28.5	45.00	28.5	37.13
	SO <sub>2</sub>	80 Max ug/m <sup>3</sup>	44.7	39.9	43.8	42.2	43.8	41.3	44.70	39.9	42.62
	NO <sub>2</sub>	80 Max ug/m <sup>3</sup>	31.00	33.00	31.20	28.7	29.5	32.0	33.00	28.7	30.90
Near gate no 06	PM 10	100 Max ug/m <sup>3</sup>	60	71.4	47.6	65.0	52.3	61.9	71.40	47.6	59.70
	PM2.5	60 Max ug/m <sup>3</sup>	30.0	42.8	35.0	28.5	47.6	33.3	47.60	28.5	36.20
	SO <sub>2</sub>	80 Max ug/m <sup>3</sup>	39.0	46.3	39.4	38.5	39.4	38.5	46.30	38.5	40.18
	NO <sub>2</sub>	80 Max ug/m <sup>3</sup>	28.50	30.20	29.50	32.0	34.0	28.5	34.00	28.5	30.45
Roof for plant number 01	PM 10	100 Max ug/m <sup>3</sup>	71.4	55	60.0	71.4	47.6	57.1	71.40	47.6	60.42
	PM2.5	60 Max ug/m <sup>3</sup>	42.8	33.3	38.0	25.0	33.3	35.0	42.80	25	34.57
	SO <sub>2</sub>	80 Max ug/m <sup>3</sup>	46.3	41.3	46.4	40.0	46.4	44.7	46.40	40	44.18
	NO <sub>2</sub>	80 Max ug/m <sup>3</sup>	34.30	28.70	34.30	30.0	31.2	34.3	34.30	28.7	32.13
									AVG		
	PM 10		62.83	63.80	56.50	64.50	53.30	58.00	59.82		
	PM2.5		39.27	38.03	37.67	28.93	39.63	32.27	35.97		
	SO <sub>2</sub>		43.33	42.50	43.20	40.23	43.20	41.50	42.33		
	NO <sub>2</sub>		31.27	30.63	31.67	30.23	31.57	31.60	31.16		

	Near ETP	Near gate no 06	Roof for plant number 01	Max.	Min.	Average
PM 10	59.4	59.7	60.4	60.4	59.4	59.8
PM2.5	37.1	36.2	34.6	37.1	34.6	36.0
SO <sub>2</sub>	42.6	40.2	44.2	44.2	40.2	42.3
NO <sub>2</sub>	30.9	30.5	32.1	32.1	30.5	31.2





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## TEST REPORT

### ANALYSIS REPORT FOR WATER & WASTE WATER SAMPLE

Sample From		M/s IPCA Lab Pologround, Indore		
Contact No		-		
Sample Description		RO permeated water		Test Report No. 493
Date and Time of Collection		12/04/2022	Type of Sample : Grab	Transportation:- Ice Box with Ice
Date of Receipt		12/04/2022	Sampling Method : Water/Waste water sample collection Guideline by Central Lab M.P.P.C.B., Bhopal	
Period of Analysis		12/04/22-18/04/22	Sample collected & Analyzed by	Shri Akhilesh Mishra & Smt. Sweta Sahu, Chemist
Date of Report		18/04/2022		
S. No.	Parameters	Unit	Result	Method
01	Appearance*	-	Clear	-
02	Odour*	-	Odourless	-
03	pH	pH Unit	7.46	APHA, 4500-H <sup>+</sup> B
04	Total Solids	mg/L	102	APHA, 2540 B
05	Total Dissolved Solids	mg/L	100	APHA, 2540 C
06	Suspended Solids	mg/L	02	APHA, 2540 D
07	Chloride	mg/L	30.62	APHA, 4500-CL B
08	B.O.D. (3 days, 27 °C)	mg/L	0.6	IS 3025:1993
09	C.O.D.	mg/L	07	APHA, 5220 B


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(S.N. Pathi)  
Chief Chemist & Lab Head  
Regional Laboratory, Indore



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TEST REPORT

ANALYSIS REPORT FOR WATER & WASTE WATER SAMPLE

Sample From	M/s Ipcal Laboratories Ltd., P. No. 89A-8/90/91, Industrial Estate Pologround, Indore			
Contact No.	9098230227			
Sample Description	Treated factory effluent @ ETP RO outlet		Test Report No. /	509
Date and Time of Collection	08/03/2022	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	08/03/2022			
Period of Analysis	08/03/22-15/03/22	Sample collected & Analysed by	Shri Adhilesh Mishra & Smt. P. Vyas, SO	Sample volume: 01 Litre
Date of Report	15/03/2022			
S. No.	Parameters	Unit	Result	Method
01	Appearance*	-	Clear	-
02	Odour*	-	Odourless	-
03	pH	pH Unit	7.86	APHA, 4500-H <sup>+</sup> B
04	Total Solids	mg/L	19	APHA, 2540 B
05	Total Dissolved Solids	mg/L	19	APHA, 2540 C
06	Suspended Solids	mg/L	00	APHA, 2540 D
07	Chloride	mg/L	11.74	APHA, 4500-CL <sup>-</sup> B
08	B.O.D. (3 days, 27 °C)	mg/L	0.4	IS 3025, 1983
09	C.O.D.	mg/L	8.0	APHA, 5220 B

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(S.N. Pathi)

Chief Chemist & Lab Head  
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TEST REPORT

ANALYSIS REPORT FOR WATER & WASTE WATER SAMPLE

Sample From		M/s Ipcas Laboratories Ltd., P.No. 89A-B/90/91, Industrial estate Pologround, Indore		
Contact No		9098250227		
Sample Description		BTP RO Potable water		Test Report No. : 293
Date and Time of Collection		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				
Period of Analysis		Sample collected & Analysed by	Shri R.K. Dwivedi & Smt. P. Vyas, Sci	Sample volume: 01 Litre
Date of Report				
S. No.	Parameters	Unit	Result	Method
01	Appearance*		Clear	—
02	Odour*		Odourless	—
03	pH	pH Unit	7.42	APHA, 4500-H <sup>+</sup> B
04	Total Solids	mg / L	83	APHA, 2540 B
05	Total Dissolved Solids	mg / L	79	APHA, 2540 C
06	Suspended Solids	mg / L	03	APHA, 2540 D
07	Chloride	mg / L	24.63	APHA, 4500-CL <sup>-</sup> B
08	B.O.D. (3 days, 27 <sup>o</sup> C)	mg / L	1.0	IS 3025, 1993
09	C.O.D.	mg / L	19.6	APHA, 5220 B

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The result relate only to the sample tested.

Sample will be destroyed after 30 days from the date of issue of test report unless otherwise specified.

  
(S.N. Pathi)  
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## TEST REPORT

### ANALYSIS REPORT FOR WATER & WASTE WATER SAMPLE

ANALYSIS REPORT FOR WATER & WASTE				
Sample From	M/s Ipca Laboratories Ltd, P.No. 89A-B/90/91, Industrial state Pologround, Indore			
Contact No	9098250227			Test Report No. : 56
Sample Description	RO Permeated			Sampling Method : Water/Waste water sample collection Guideline by Central lab M.P.P.C.B., Bhopal
Date and Time of Collection	10/01/2022	Type of Sample : Grab	Transportation: Ice Box with Ice	
Date of Receipt	10/01/2022	Sample collected & Analyzed by	Shri Anil Koliya, Sci & Shri R.M. Gamad, Sci	Sample volume: 01 Litre
Period of Analysis	10/01/22-15/01/22			
Date of Report	15/01/2022			
S. No.	Parameters	Unit	Result	Method
01	Appearance*	-	Clear	-
02	Odour*	-	Odourless	-
03	pH	pH Unit	7.7	APHA, 4500-H <sup>+</sup> B
04	Total Solids	mg/L	52	APHA, 2540 B
05	Total Dissolved Solids	mg/L	49	APHA, 2540 C
06	Suspended Solids	mg/L	03	APHA, 2540 D
07	Chloride	mg/L	15.76	APHA, 4500-Cl <sup>-</sup> B
08	B.O.D. (3 days, 27 <sup>o</sup> C)	mg/L	0.4	IS 8025, 1993
09	C.O.D.	mg/L	13.83	APHA, 5220 B

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**TEST REPORT**

**ANALYSIS REPORT FOR WATER & WASTE WATER SAMPLE**

Sample From	M/s Ipeca Laboratories Ltd., P. No. 89A-B/90/91, Industrial Estate Pologround, Indore			
Contact No	9098250227			
Sample Description	RO Permeate			Test Report No. : 1731
Date and Time of Collection	20/12/2021	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	20/12/2021			
Period of Analysis	20/12/21-24/12/21	Sample collected & Analyzed by	Factory Person & Shri S.K. Gupta, Chemist	Sample volume: 01 Litre
Date of Report	24/12/2021			
S. No.	Parameters	Unit	Result	Method
01	Appearance <sup>a</sup>		Clear	
02	Odour <sup>a</sup>		Odourless	
03	pH	pH Unit	7.42	APHA, 4500-H <sup>+</sup> B
04	Total Solids	mg/L	105	APHA, 2540 B
05	Total Dissolved Solids	mg/L	103	APHA, 2540 C
06	Suspended Solids	mg/L	02	APHA, 2540 D
07	Chloride	mg/L	27.43	APHA, 4500-Cl <sup>-</sup> B
08	B.O.D. (3 days, 27 <sup>o</sup> C)	mg/L	0.6	IS 9025/1993
09	C.O.D.	mg/L	7.90	APHA, 5220 B
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### TEST REPORT

#### ANALYSIS REPORT FOR WATER & WASTE WATER SAMPLE

Sample From		M/s IPCA Lab Pologround, Indore		
Contact No				
Sample Description		MEE Condence water		Test Report No. 1 694
Date and Time of Collection	12/04/2022	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	12/04/2022	Period of Analysis	12/04/22-18/04/22	
Date of Report	18/04/2022	Sample collected & Analysed by	Shri Akhilesh Mishra & Smt. Sweta Sahu, Chemist	Sample volume: 01 Litre
S. No.	Parameters	Unit	Result	Method
01	Appearance*		Clear	-
02	Odour*		Odourless	-
03	pH	pH Unit	7.40	APHA, 4500-H <sup>+</sup> B
04	Total Solids	mg/L	192	APHA, 2540 B
05	Total Dissolved Solids	mg/L	189	APHA, 2540 C
06	Suspended Solids	mg/L	03	APHA, 2540 D
07	Chloride	mg/L	49.77	APHA, 4500-CL <sup>-</sup> B
08	B.O.D. (3 days, 27 °C)	mg/L	0.8	IS 3025, 1993
09	C.O.D.	mg/L	10	APHA, 5220 B
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**TEST REPORT**

**ANALYSIS REPORT FOR WATER & WASTE WATER SAMPLE**

Sample From	M/s Jpca Laboratories Ltd., P.No. 89A-B/90/91, Industrial state Pologround, Indore			
Contact No	9098250227		Test Report No.	510
Sample Description	MBB condensate water		Transportation:	Sampling Method: Water/Waste water sample collection followed by Central lab M.P.P.C.B., Bhopal
Date and Time of Collection	08/03/2022	Type of Sample: Grab	Ice Box with Ice	
Date of Receipt	08/03/2022			
Period of Analysis	08/03/22-15/03/22	Sample collected & Analysed by	Shri Akhilesh Mishra & Smt. Padma Vyas, Sci	Sample volume: 01 litre
Date of Report	15/03/2022			
S. No.	Parameters	Unit	Result	Method
01	Appearance*		Clear	
02	Odour*		Odourless	
03	pH	pH Unit	7.51	APHA, 4500-H <sup>+</sup> B
04	Total Solids	mg/L	29	APHA, 2540B
05	Total Dissolved Solids	mg/L	29	APHA, 2540C
06	Suspended Solids	mg/L	00	APHA, 2540D
07	Chloride	mg/L	9.78	APHA, 4500-CL <sup>-</sup> B
08	B.O.D. (3 days, 27 °C)	mg/L	0.5	IS 3025, 1993
09	C.O.D.	mg/L	7.0	APHA, 5220B

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(S.N. Patil)  
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Regional Laboratory  
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**TEST REPORT**

**ANALYSIS REPORT FOR WATER & WASTE WATER SAMPLE**

Sample From	M/s Jca Laboratories Ltd., P.No. 89A-B/90/91, Industrial state Pologround, Indore				
Contact No	9098250227			Test Report No. :	294
Sample Description	MEE Condensate water			Sampling Method : Water/Waste water sample collection Guideline by Central lab M.P.P.C.B., Bhopal	
Date and Time of Collection	10/02/2022	Type of Sample :	Grab	Transportation: Ice Box with Ice	
Date of Receipt	10/02/2022	Sample collected & Analyzed by	Shri R.K. Dwivedi & Smt. P. Vyas, Sci		Sample volume: 01 Litre
Period of Analysis	10/02/22-14/02/22				
Date of Report	14/02/2022				
S. No.	Parameters	Unit	Result	Method	
01	Appearance*		Clear	-	
02	Odour*		Odourless	-	
03	pH	pH Unit	8.03	APHA, 4500-H <sup>+</sup> B	
04	Total Solids	mg/L	48	APHA, 2540 B	
05	Total Dissolved Solids	mg/L	44	APHA, 2540 C	
06	Suspended Solids	mg/L	04	APHA, 2540 D	
07	Chloride	mg/L	14.78	APHA, 4500-CL <sup>-</sup> B	
08	B.O.D. (3 days, 27 °C)	mg/L	0.8	IS 3025, 1993	
09	C.O.D.	mg/L	21.56	APHA, 5220 B	


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(R.K. Patil)  
Chief Chemist & Lab Head  
Regional Laboratory, Indore





Regional Laboratory  
M. P. Pollution Control Board



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**TEST REPORT**

**ANALYSIS REPORT FOR WATER & WASTE WATER SAMPLE**

Sample From	M/s Jca Laboratories Ltd., P.No. 89A-B/90/91, Industrial state Pologround, Indore			
Contact No	9098250227			
Sample Description	MEE Condensate	Test Report No. :		55
Date and Time of Collection	10/01/2022	Type of Sample :	Transportation:	Sampling Method : Water/Waste water sample collection Guideline by Central lab M.P.P.C.B., Bhopal
Date of Receipt	10/01/2022	Grab	Ice Box with Ice	
Period of Analysis	10/01/22-15/01/22	Sample collected & Analysed by	Shri Anil Koriya, Sci & Shri R.M. Gaurid, Sci	Sample volume: 01 Litre
Date of Report	15/01/2022			
S. No.	Parameters	Unit	Result	Method
01	Appearance*		Clear	
02	Odour*		Odourless	
03	pH	pH Unit	7.9	APHA, 4500-H <sup>+</sup> B
04	Total Solids	mg/L	98	APHA, 2540 B
05	Total Dissolved Solids	mg/L	96	APHA, 2540 C
06	Suspended Solids	mg/L	02	APHA, 2540 D
07	Chloride	mg/L	39.42	APHA, 4500-CL-B
08	B.O.D. (5 days, 27 °C)	mg/L	0.6	IS 3025, 1999
09	C.O.D.	mg/L	10.86	APHA, 5220 B

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Chief Chemist & Lab Head  
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**TEST REPORT**

**ANALYSIS REPORT FOR WATER & WASTE WATER SAMPLE**

Sample From	M/s Ipca Laboratories Ltd., P.No. 89A-B/90/91, Industrial state Pologround, Indore			
Contact No	9098250227			
Sample Description	MEB Condensat		Test Report No. :	1730
Date and Time of Collection	20/12/2021	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	20/12/2021			
Period of Analysis	20/12/21-24/12/21	Sample collected & Analyzed by	Factory Person & Shri S.K. Gupta, Chemist	Sample volume: 01 Litre
Date of Report	24/12/2021			
S. No.	Parameters	Unit	Result	Method
01	Appearance*	-	Clear	-
02	Odour*	-	Odourless	-
03	pH	pH Unit	8.24	APHA, 4500-H <sup>+</sup> B
04	Total Solids	mg / L	144	APHA, 2540 B
05	Total Dissolved Solids	mg / L	140	APHA, 2540 C
06	Suspended Solids	mg / L	04	APHA, 2540 D
07	Chloride	mg / L	36.58	APHA, 4500-Cl <sup>-</sup> B
08	B.O.D. (3 days, 27 °C)	mg / L	0.8	IS 9025, 1993
09	C.O.D.	mg / L	11.85	APHA, 5220 B
<b>NOTE:</b> 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.				

  
(S.K. Pathi)  
Chief Chemist & Lab Head  
Regional Laboratory, Indore



# AzisLabs

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 ► Lab Contact No.: 98698 89316, 98270 08819, 7089333882  
 ► Email: info@azislabs.com, j.dingwani@azislabs.com Visit: www.azislabs.in

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## Test Report

Page 1 of 2

Format No. AL/FM/51-03

1. Report issued by		Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India		Report No.	EN-20220324024
2. Report issued to (Name & Address)		Name of the manufacturer		Report Issue Date	06/04/2022
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India		NA		Mfg. Lic. No.	
3. Sample forwarding letter no. & date		4. Sample received Date		5. Sample Quantity Received	
NA		24/03/2022		1x1 Liter Approx	
6. Sample Name		7. Sample Condition		8. Packing	
STP Outlet Water		Good		Plastic & Glass bottle	
10. Sampling done by		11. Sampling Method		9. Sealed/Unsealed	
IPCA Laboratories Limited		NA		Unsealed	
12. Details of sample as obtained from manufacturer					
A. Original Manufacturer Name (in case of Product)		B. Batch No.	C. Batch Size as represented by the sample	D. Date of Mfg.	E. Date of Exp.
NA		NA	NA	NA	NA
13. Analysis Start Date		24/03/2022		14. Analysis End Date	
				06/04/2022	
15. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Concent. Status	Test Method
1.	pH	---	6.83	5.5 - 9.0	IS: 3025 (Part-11) - 1983
2.	Total Suspended Solids	mg/l	53	Max 100	IS: 3025 (Part-17) - 1984
3.	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	11	Max 30	IS: 3025 (Part-44) - 1993
4.	Chemical Oxygen Demand	mg/l	46.66	Max 250	APHA 5220 B (23 <sup>rd</sup> Edition) 2017
5.	Phosphate as PO <sub>4</sub>	mg/l	1.3	Max 2.0	IS: 3025 (Part-31) - 1988
6.	Total Nitrogen as N	mg/l	4.55	Max 10	IS: 3025 (Part-34) - 1988
7.	Ammonia as NH <sub>3</sub> -N	mg/l	3.24	Max 5.0	IS: 3025 (Part-34) - 1988

  
 Authorized Signatory

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► Lab Contact No.: 9889888318, 9827008819, 7089333892  
► Email: info@azislabs.com, j.dingwani@azislabs.com, Visit: www.azislabs.in

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## Test Report

Page 2 of 2

Format No. AL/FM/51-03

8.	Oil & Grease	mg/l	<1.0	Max 10.0	APHA 5220 B (23 <sup>rd</sup> Edition) 2017
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► **Water Pollution Control Systems:** 10000 157th Ave. S., #100, Kent, WA 98032  
► **City Office:** 1245 Virginia Ave., Seattle, WA 98101, Tel: 206-468-0731, 4068173  
► **Lab Contact No.:** 9098886011, 9097199019, 7005-5562, 7222289431, 7222289432  
► **Email:** info@azdian.com, info@azdian.com, Tel: 909-722289431, www.azdian.com

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Formal No. AL/FM/51A-03

# TES ROBO

Page 1 of 1

Report No.		EN/20220324024			
Date of Report		31/03/2022			
1. Report issued by	Azis Labs, Plot No. M-43, Sector-3, Pithampur, Bhopal-467774 Dist. Dhar (M.P.) India				
2. Report issued to (Name & Address)	N/A				
3. PCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452013, India	NA		NA		
4. Sample for analysis (Name & Volume)	STP Outfall Water		Sample Quantity Received		
NA	24/03/2022		1 liter		
5. Sample Name	6. Sample Condition	7. Packaging	8. Date of Receipt		
STP Outfall Water	Good	Plastic bottle	Unsealed		
9. Sampler's name	PCA Laboratories Limited				
10. Details of sample	NA				
11. Original Marking of Sample	NA				
Name (in case of product)	Batch No.	Expiry date	Date of receipt		
NA	NA	NA	NA		
13. Analytical Start Date	24/03/2022	14. Analytical End Date	31/03/2022		
15. Microbiology Test Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
1	Fecal Coliform	MPN/100ml	350	NMT 1000	IS: 1622 : 1981

**Note:**

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### Person In-charge Testing



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 ► Lab Contact No.: 86688 89316, 98270 08819, 7089333892  
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## Test Report

Format No. AL/FM/51-03

Page 1 of 2

Report No.		EN-20211225025			
Report Issue Date		03/01/2022			
1. Report issued by Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report issued to (Name & Address)		Name of the manufacturer: Mfg. Lic. No.			
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India		NA NA			
3. Sample forwarding letter no. & date		4. Sample received Date	5. Sample Quantity Received		
Date: 24/12/2021		25/12/2021	1.5 Liter Approx		
6. Sample Name	7. Sample Condition	8. Packing	9. Sealed/Unsealed		
STP Outlet Water	Good	Plastic & Glass bottle	Unsealed		
10. Sampling done by		11. Sampling Method			
IPCA Laboratories Limited		NA			
12. Details of sample as obtained from manufacturer					
A. Original Manufacturer Name (in case of Product)	B. Batch No.	C. Batch Size represented by this sample	D. Date of Mfg.		
NA	NA	NA	NA		
13. Analysis Start Date		14. Analysis End Date			
25/12/2021		03/01/2022			
15. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Conden. Status	Test Method
1.	pH	—	7.36	5.5-9.0	IS: 3025 (Part-11)-1983
2.	Total Suspended Solids	mg/l	72	100	IS: 3025 (Part-17)-1984
3.	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	16	30	IS: 3025 (Part-44)-1993
4.	Chemical Oxygen Demand	mg/l	95.13	250	IS: 3025 (Part-58)-2006
5.	Phosphate as PO <sub>4</sub>	mg/l	1.5	2.0	IS: 3025 (Part-31)-1988
6.	Total Nitrogen as N	mg/l	5.92	10	IS: 3025 (Part-34)-1988
7.	Ammonia as NH <sub>4</sub> -N	mg/l	3.45	5.0	IS: 3025 (Part-34)-1988

Authorized Signatory

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► Lab Contact No.: 96698 89315 / 9827008810 / 099333892  
► Email: info@azislabs.com, j.dingwan@azislabs.com, Visit: www.azislabs.in

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## Test Report

Format No. AL/FM/51-03

Page 2 of 2

8.	Oil & Grease	mg/l	<10	10.0	IS: 3025 (Part-39) -1991
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 ► Lab Contact No.: 96898 89316, 98270 08819, 7089333892  
 ► Email: info@azislabs.com, j.dingwani@azislabs.com, Visit: www.azislabs.in

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## Test Report

Format No. AL/FM/51A-03

Page 1 of 1

Report No.		EN-20211225025	
Report Issue Date		01/01/2022	
1. Report issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India			
2. Report issued to (Name & Address)		Name of the manufacturer	
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India		Mfg. Lic. No.	
		NA	
3. Sample for testing Date and time		4. Sample received Date	
25/12/2021		25/12/2021	
5. Sample Quantity Received			
1 liter			
6. Sample Name		7. Sample Condition	
STP Outlet Water		Good	
8. Packaging		9. Sealed/Unsealed	
Plastic bottle		Unsealed	
10. Sampling done by		11. Sampling Method	
IPCA Laboratories Limited		NA	
12. Detail of sample as obtained from manufacturer			
A. Original Manufacturer Name (in case of Product)	B. Batch No.	C. Batch Size represented by this sample	D. Date of Mfg.
NA	NA	NA	NA
13. Analytical Start Date		14. Analytical End Date	
25/12/2021		01/01/2022	
15. Microbiological Parameters			
Sr. No.	Test Parameter	Unit	Result
1	Fecal Coliform	MPN/100ml	900
		Specification	Test Method
		NMT 1000	IS: 1622 - 1981
Note:			
1. The legal liabilities limited up to the analytical charges only.			
2. The results are related only to the sample tested.			
3. This reports shall not be reproduced without the written approval of Azis Labs.			
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Person In-charge Testing

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 • City Office: 3/2B, Vijay Nagar, Opp. Sarda Hospital, Indore (M.P.) India, Tel. No. 0731-2681173  
 • Lab Contact No.: 86698 89318, 86270 08319, 70823 33842  
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## Test Report

Formal No. AL/FM/51-03

Page 1 of 2

1. Report issued by		Azis Labs, Plot No. M-43, Sector-3, Phambur, 451774, Dist. Dham, (M.P.) India	
2. Report issued to (Name & Address)		Name of the Manufacturer	
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) 462015, India		NA	
3. Sample forwarding by (Name & Address)		Name of the Laboratory	
NA		NA	
4. Sample received on		24/03/2022	
5. Sample Name		ETPRO Cool Water	
6. Sample Condition		Good	
7. Sample Quantity		1000 ml	
8. Sample Packaging		Plastic bottle, Unsealed	
9. Sampling done by		10. Sampling Method	
IPCA Laboratories Limited		NA	
11. Details of sample if collected from environment			
A. Original Manufacturer Name (Trade or Product)		B. Brand Name	
NA		NA	
C. Date of Collection		D. Date of Report	
NA		NA	
E. Analytical Date		F. Analytical Date	
24/03/2022		06/04/2022	
12. Chemical & Physical Parameters			
Sr. No.	Test Parameter	Unit	Result
1.	pH	—	5.74
2.	Total Dissolve Solids	mg/l	148
3.	Total Suspended Solids	mg/l	BDL (DL=2.5 mg/l)
4.	Chemical Oxygen Demand	mg/l	19.44
5.	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	3
			Max. 30



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 Email: info@azislabs.com, longvan@azislabs.com, Visit: www.azislabs.in

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Format No. AL/FM/51-03

## Test Report

Page 2 of 2

6	Oil & Grease	mg/l	BDL (DL=4 mg/l)	Max. 10	APHA 5220 B (23 <sup>rd</sup> Edition) 2017
7	Chloride	mg/l	44.03	Max. 1000	IS-3025 (Part-32) 1988, RA 2000
8	Lead	mg/l	BDL (DL=0.002 mg/l)	Max. 0.10	IS-3025 (Part-47) 1994
9	Mercury	mg/l	BDL (DL=0.001 mg/l)	Max. 0.01	IS-3025 (Part-48) 1994
10	Arsenic	mg/l	BDL (DL=0.001 mg/l)	Max. 0.20	IS-3025 (Part-37) 1988
11	Phenolics (C <sub>6</sub> H <sub>5</sub> OH)	mg/l	Not Detected (DL=0.001 mg/l)	Max. 1.0	IS-3025 (Part-43) 1992
12	Sulphide (as S)	mg/l	Nil (DL=0.025 mg/l)	Max. 2.0	IS-3025 (Part-29) 1986
13	Phosphates (as P)	mg/l	1.7	Max. 3.0	IS-3025 (Part-31) 1988
14	Chromium (Cr <sup>6+</sup> )	mg/l	BDL (DL=0.005 mg/l)	Max. 0.10	IS-3025 (Part-52) 2003
15	Cyanide	mg/l	Not Detected (DL=0.01 mg/l)	Max. 0.10	IS-3025 (Part-27) 1986

### Note

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 ► Lab Contact No.: 96898 89318, 98270 08619, 7088333892  
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Form No. AL/PM/51-03

Page 1 of 2

## Test Report

Report No.		EN-20211225026	
Report Issue Date		03/01/2022	
1. Report issued by Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India			
2. Report issued to (Name & Address)		Name of the manufacturer Mfg. Lic. No.	
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India		NA NA	
3. Sample form/drilling letter no. & date		4. Sample received Under	
Date :- 24/12/2021		25/12/2021	
5. Sample Name		6. Sample Condition	
RO Permeate Water		Good	
7. Packing		8. Sealed/Unsealed	
Plastic bottle		Unsealed	
9. Sampling done by		10. Sampling Method	
IPCA Laboratories Limited		NA	
11. Details of sample as obtained from manufacturer			
A. Original Manufacturer Name (in case of Product)	B. Batch No.	C. Batch Size represented by the sample	D. Date of Mfg.
NA	NA	NA	NA
E. Date of Exp.		03/01/2022	
12. Analysis Start Date		25/12/2021	
13. Analysis End Date		03/01/2022	
14. Chemical & Physical Parameters			
Sr. No.	Test Parameter	Unit	Result
1.	pH	—	7.84
2.	Chemical Oxygen Demand	mg/l	34.59
3.	Biological Oxygen Demand (5 days at 27°C)	mg/l	08
4.	Total Dissolved Solids	mg/l	226
5.	Total Suspended Solids	mg/l	Nil
6.	Oil & Grease	mg/l	<1.0
7.	Chloride	mg/l	145.70

Authorized Signatory

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► Lab Contact No.: 88688 88316, 88270 08819, 7089333892  
► Email: info@azislabs.com, j.dingwani@azislabs.com, Visit: www.azislabs.in

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## Test Report

8.	Lead	mg/l	BDL (DL=0.002)	Max. 0.10	IS: 3025 (part-47) -1994
9.	Mercury	mg/l	BDL (DL=0.0005)	Max. 0.01	IS: 3025 (Part-48) -1994
10.	Arsenic	mg/l	BDL (DL=0.001)	Max. 0.20	IS: 3025 (Part-37) -1988
11.	Phenolics (C <sub>6</sub> H <sub>5</sub> OH)	mg/l	BDL (DL=0.001)	Max. 1.0	IS: 3025 (Part-43) -1992
12.	Sulphide (as S)	mg/l	0.60	Max. 2.0	IS: 3025 (Part-29) -1986
13.	Phosphates (as P)	mg/l	3.9	Max. 5.0	IS: 3025 (Part-31) -1988
14.	Chromium (Cr <sup>6+</sup> )	mg/l	BDL (DL=0.005)	Max. 0.10	IS: 3025 (Part-52) -2003
15.	Cyanide	mg/l	BDL (DL=0.01)	Max. 0.10	IS: 3025 (Part-27) -1986

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# AzisLabs

Water Pollution & Air Quality Sampling & Analysis (MP) India  
 City: Indore, Dist: Indore, Pin: 462001, Tel: No. 0731-2543172  
 Lab Contact No. 989889316, 9877066117, 708336862  
 Email: info@azislabs.com, lab@azislabs.com, sales@azislabs.com

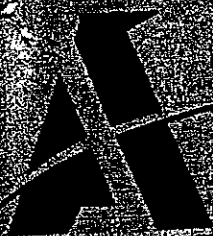
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Form No. AZISM/51-02

## Test Report

Page 1 of 2

1. Report Issued by		Azis Labs, Plot No. M-41, Sector-3, Pithampur, Indore, MP, India	
2. Report Issued to (Client/Analyst)		Name: [Redacted], Address: [Redacted], Indore, MP, India	
3. Sample for Analysis		Sample Name: [Redacted], Sample No: [Redacted]	
4. Sample Date		24/03/2022	
5. Sample Time		[Redacted]	
6. MRP Condition		Good	
7. Sample Quantity		[Redacted]	
8. PCRA Laboratory Certified		NA	
9. D. Date of Sample Collection		24/03/2022	
10. D. Date of Sample Analysis		26/03/2022	
11. Name of Sample		[Redacted]	
12. Name of Product		[Redacted]	
13. Name of Manufacturer		[Redacted]	
14. Name of Supplier		[Redacted]	
15. Name of Distributor		[Redacted]	
16. Name of Retailer		[Redacted]	
17. Name of End User		[Redacted]	
18. Name of Test Method		[Redacted]	
19. Name of Test Method		[Redacted]	
20. Name of Test Method		[Redacted]	
21. Name of Test Method		[Redacted]	
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98. Name of Test Method		[Redacted]	
99. Name of Test Method		[Redacted]	
100. Name of Test Method		[Redacted]	



# Azis Labs

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Lab Domain No: 1000899114, 00201000114, 700033302  
Email: info@azislabs.com | azislabs.com | azislabs.com | www.azislabs.com

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Page 2 of 2

Form No: AL/FM/51-03

## Test Report

11	Arsenic	mg/l	BD	IS 3025 (Part 31) 1988
12	Phenol (C <sub>6</sub> H <sub>5</sub> OH)	mg/l	BD	IS 3025 (Part 13) 1992
13	Sulphide	mg/l	Nil	IS 3025 (Part 23) 1996
14	Phosphate	mg/l	1.9	IS 3025 (Part 31) 1988
15	Cyanide	mg/l	BD	IS 3025 (Part 27) 1986

### Note

1. The results are limited to the analytical data only.
2. The results are related only to the sample tested.
3. This report shall not be reproduced without the written approval of Azis Labs.
4. Specification as per MoEF & CC/CPCB/MPPCB.
5. MOEF Recognized Environmental Laboratory valid till 31/03/2022 (G.O. dt. 07/07/20)
6. NABL Accredited Lab (ISO 17025:2017) valid till 15/06/2023

Authorized Signatory





# AzisLabs

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 ► City Office: 3/28, Vijay Nagar, Opp. Sayaji Hotel, Indore (M.P.) India, Tel. No.: 0731-4088173  
 ► Lab Contact No.: 98888 89318, 98270 08818, 7088333892  
 ► Email: info@azislabs.com, j.dingwani@azislabs.com, Visit: www.azislabs.in

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Format No. AL/FM/51-03

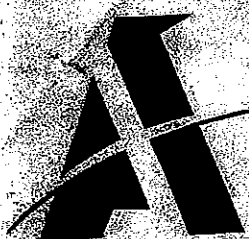
## Test Report

Page 1 of 2

Report No.		EN-20211225023	
Report Issue Date		03/01/2022	
1. Report issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India			
2. Report issued to (Name & Address):		Name of the manufacturer: Mfg. Lic. No.	
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India		NA NA	
3. Sample forwarding letter no. & date		4. Sample received Date	
Date: 24/12/2021		25/12/2021	
5. Sample Name		6. Sample Condition	
MBE Condensate		Good	
7. Sample Quantity Received		8. Packing	
1 Liter Approx		9. Sealed/Unsealed	
Plastic bottle		Unsealed	
10. Sampling done by		11. Sampling Method	
IPCA Laboratories Limited		NA	
12. Details of sample as obtained from manufacturer:			
A. Original Manufacturer Name (in case of Product)	B. Batch No.	C. Batch Size as presented by the sample	D. Date of Mfg.
NA	NA	NA	NA
E. Date of Exp.			03/01/2022
13. Analysis Start Date		14. Analysis End Date	
25/12/2021		03/01/2022	
15. Chemical & Physical Parameters			
Sr. No.	Test Parameter	Unit	Result
1.	pH	---	4.42
2.	Total Suspended Solids	mg/l	46
3.	Bio-chemical oxygen demand	mg/l	12
4.	Chemical Oxygen Demand	mg/l	62.54
5.	Oil & Grease	mg/l	BDL
6.	Chromium (Cr6+)	mg/l	BDL
7.	Lead	mg/l	BDL
8.	Total Dissolves Solids	mg/l	250
9.	Chloride	mg/l	63.04
10.	Mercury	mg/l	BDL
		Test Method	
		IS: 3025 (Part-11) 1984	
		IS: 3025 (Part-17) 1984	
		IS: 3025 (Part-44) 1993	
		IS: 3025 (Part-58) 2006	
		IS: 3025 (Part-39) 1991	
		IS: 3025 (Part-52) 2003	
		IS: 3025 (Part-47) 1994	
		IS: 3025 (part-16) 1988	
		IS: 3025 (Part-32) 1988	
		IS: 3025 (Part-48) 1994	

Authorized Signatory

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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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- ▶ City Office: 3/28, Vijay Nagar, Opp. Savai Hotel, Indore (M.P.) India, Tel No-0731-4068173
- ▶ Lab Contact No.: 96698 89318, 98270 08619, 7089333892
- ▶ Email: info@azislabs.com, j.dingwan@azislabs.com Visit: www.azislabs.in

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Format No. AL/FM/51-03

## Test Report

Page 2 of 2

11.	Arsenic	mg/l	BDL	IS: 3025 (Part-37) 1988
12.	Phenolics (C <sub>6</sub> H <sub>5</sub> OH)	mg/l	BDL	IS: 3025 (Part-43) 1992
13.	Sulphide	mg/l	Nil	IS: 3025 (Part-29) 1986
14.	Phosphate	mg/l	1.5	IS: 3025 (Part-31) 1988
15.	Cyanide	mg/l	BDL	IS: 3025 (Part-27) -1986

### Note:

1. The legal liabilities limited up to the analytical charges only.
2. The results are related only to the sample tested.
3. This reports shall not be reproduced without the written approval of Azis Labs.
4. Specification as per MoER & CPCB/MPPCB.
5. MOEF Recognized Environment Laboratory valid up to 28/02/2019 (O-13018/02/2019)
6. NABL Accredited Lab (ISO/IEC 17025:2017) Valid till the renewal of Accreditation.

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**ANNEXURE-02F**

**Ipca Laboratories Limited, Indore**

Final Treated water Analysis Report from December -2021 to May -2022

[illegible]



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 ► Lab Contact No.: 98698 89316, 98270 08819, 7089333892  
 ► Email: info@azislabs.com, j.dingwani@azislabs.com, Visit: www.azislabs.in

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## Test Report

Format No. AL/FM/51C

Page 1 of 1

Report No.		EN-20220324009			
Report Issue Date		07/04/2022			
1. Report Issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report Issued to (Name & Address)			3. Sample forwarding letter No. & Date		
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India			NA		
4. Sample Name		5. Sample received date		6. Sample Condition	
Stack air		24/03/2022		Good	
7. Sampling done by	8. Sampling Date	9. Sampling Location	10. Sampling Time	11. Sampling Duration	
Azis Labs	24/03/2022	Boiler 5 TPH	12:25 Hrs	30 Min	
12. Stack attached to	13. Stack height	14. Diameter	15. Ambient Temperature	16. Wind direction	
Boiler	30 meter	100 cm	33°C	From North West	
17. Fuel	18. Flue gas temperature	19. Flue gas velocity			
Coal	115°C	6.56 m/s			
20. Analysis Start Date		21. Analysis End Date			
25/03/2022		07/04/2022			
22. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
1.	Total Particulate Matter (TPM)	mg/Nm <sup>3</sup>	84.63	Max 150	IS: 11255 (Part-1) 1985
2.	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	35.45	Max 100	IS: 11255 (Part-2) 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	46.19	Max 50	IS: 11255 (Part-7) 2005
4.	Carbon monoxide (CO)	mg/Nm <sup>3</sup>	6.84	—	IS: 13270 (1992)
<b>Note:</b> 1. The legal liabilities limited up to the analytical charges only. 2. The results are related only to the sample tested. 3. This reports shall not be reproduced without the written approval of Azis Labs. 4. Specification as per MoEF&CC/CPCB/MPPCB 5. MOEF Recognized environment Laboratory valid up to 28/02/2023 (Q. 15018/02/2019) 6. NABL Accredited Lab (ISO /IEC 17025 :2017) Valid until 05/06/2023					

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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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 ► Lab Contact No.: 9668888318, 9827008819, 7089333892  
 ► Email: info@azislabs.com, j.dingwani@azislabs.com, Visit: www.azislabs.in

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## Test Report

Format No. AL/FM/51C

Page 1 of 1

Report No.		EN-2021/225011			
Report Issue Date		13/01/2022			
1. Report issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report issued to (Name & Address)		3. Sample forwarding letter No. & Date			
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India		24/12/2021			
4. Sample Name		5. Sample received date	6. Sample Condition		
Stack air		25/12/2021	Good		
7. Sampling done by	8. Sampling Date	9. Sampling Location	10. Sampling Time	11. Sampling Duration	
Azis Labs	24/12/2021	Boiler (5.0 Ton)	13:15 Hrs	30 Min	
12. Stack attached to	13. Stack height	14. Diameter	15. Ambient Temperature	16. Wind direction	
Boiler	30 meter	100 cm	24°C	From North East	
17. Fuel	18. Flue gas temperature	19. Flue gas velocity			
Coal	105°C	5.89 m/s			
20. Analysis Start Date		21. Analysis End Date		13/01/2022	
22. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
1.	Total Particulate Matter (TPM)	mg/Nm <sup>3</sup>	74.29	Max 150	IS: 11255 (Part-1) 1985
2.	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	65.46	Max 100	IS: 11255 (Part-2) 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	37.77	Max 50	IS: 11255 (Part-7) 2005
4.	Carbon monoxide (CO)	mg/Nm <sup>3</sup>	5.61	—	IS: 13270 (1992)
<b>Note:</b> 1. The legal liabilities limited up to the analytical charges only. 2. The results are related only to the sample tested. 3. This reports shall not be reproduced without the written approval of Azis Labs. 4. Specification as per MoEF&CC/CPCB/MPPCB. 5. MOEF Recognized environment Laboratory valid up to 28/02/2023 (Q. 15018/02/2019) 6. NABL Accredited Lab (ISO/IEC 17025:2017) Valid Till The renewal of Accreditation.					

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 ► Lab Contact No.: 96688 88318, 98270 08819, 7089333892  
 ► Email: info@azislabs.com, j.dingwari@azislabs.com, Visit: www.azislabs.in

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 ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

## Test Report

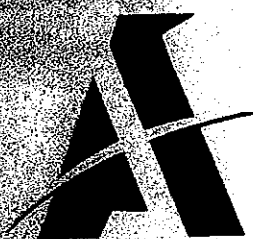
Format No. AL/FM/51C

Page 1 of 1

Report No.		EN-20220324008			
Report Issue Date		07/04/2022			
1. Report issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report issued to (Name & Address)		3. Sample forwarding letter No. & Date			
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India		NA			
4. Sample Name		5. Sample received date		6. Sample Condition	
Stack air		24/03/2022		Good	
7. Sampling done by	8. Sampling Date	9. Sampling Location	10. Sampling Time	11. Sampling Duration	
Azis Labs	23/03/2022	Boiler 3 TPH	11:40Hrs	30 Min	
12. Stack attached to	13. Stack height	14. Diameter	15. Ambient Temperature	16. Wind direction	
Boiler	30 meter	100 cm	33°C	From North West	
17. Fuel	18. Flue gas temperature	19. Flue gas velocity			
Natural gas	109°C	9.53 m/s			
20. Analysis Start Date		21. Analysis End Date		07/04/2022	
22. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
1.	Total Particulate Matter (TPM)	mg/Nm <sup>3</sup>	50.76	Max 150	IS: 11255 (Part-1) 1985
2.	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	24.96	Max 100	IS: 11255 (Part-2) 1985
3.	Oxides of Nitrogen (NO <sub>2</sub> )	mg/Nm <sup>3</sup>	28.56	Max 50	IS: 11255 (Part-7) 2005
4.	Carbon monoxide (CO)	mg/Nm <sup>3</sup>	5.68	—	IS: 13270 (1992)
<b>Note:</b> 1. The legal liabilities limited up to the analytical charges only. 2. The results are related only to the sample tested. 3. This reports shall not be reproduced without the written approval of Azis Labs. 4. Specification as per MoEF&CC/CPCB/MPPCB. 5. MOEF Recognized environment Laboratory valid up to 28/02/2023 (Q. 15018/02/2019) 6. NABL Accredited Lab (ISO /IEC 17025 :2017) Valid until 05/06/2023					

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► Lab Contact No.: 98688 89318, 98270 08819, 7089333892  
► Email: info@azislabs.com, j.dingwank@azislabs.com, Visit: www.azislabs.in

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## Test Report

Page 1 of 1

Format No. AL/FM/51C

Report No.		EN-20211225010			
Report Issue Date		13/01/2022			
1. Report Issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report issued to (Name & Address)		3. Sample forwarding letter No. & Date			
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India		24/12/2021			
4. Sample Name		5. Sample received date	6. Sample Condition		
Stack air		25/12/2021	Good		
7. Sampling done by	8. Sampling Date	9. Sampling Location	10. Sampling Time	11. Sampling Duration	
Azis Labs	24/12/2021	Boiler (3.0 Ton)	12:30 Hrs	30 Min	
12. Stack attached to	13. Stack height	14. Diameter	15. Ambient Temperature	16. Wind direction	
Boiler	30 meter	100cm	24°C	From North East	
17. Fuel	18. Flue gas temperature	19. Flue gas velocity			
Natural Gas	125°C	5.65 m/s			
20. Analysis Start Date	27/12/2021	21. Analysis End Date		13/01/2022	
22. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
1.	Total Particulate Matter (TPM)	mg/Nm <sup>3</sup>	59.87	Max.150	IS: 11255 (Part-1) 1985
2.	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	21.55	Max.100	IS: 11255 (Part-2) 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	24.64	Max.50	IS: 11255 (Part-7) 2005
4.	Carbon Monoxide (CO)	mg/Nm <sup>3</sup>	4.84	—	IS: 13270-1992
<b>Note:</b> 1. The legal liabilities limited up to the analytical charges only 2. The results are related only to the sample tested. 3. This reports shall not be reproduced without the written approval of Azis Labs. 4. Specification as per MoEF&CC/CPCB/MPPCB. 5. MOEF Recognized environment Laboratory valid up to 28/02/2023 (Q. 15018/02/2019) 6. NABL Accredited Lab (ISO /IEC 17025 :2017) Valid Till The renewal of Accreditation.					

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# Azis Labs

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## Test Report

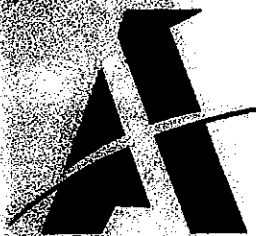
Page 1 of 1

Format No. AL/FM/SIC

Report No.		EN-20220324010	
Report Issue Date		07/04/2022	
Report Issued By: Azis Labs, Plot No. M-43, Sector-3, Palam, New Delhi-110045, India			
Report Client Name & Address		NA	
1. Report Issued By: Azis Labs, Plot No. M-43, Sector-3, Palam, New Delhi-110045, India			
2. Report Client Name & Address: IPCA Laboratories Limited, Industrial Estate, Palam, New Delhi-110045, India			
3. Sample Name		4. Sample Condition	
5. Sample ID		6. Sample Weight	
7. Sample Volume		8. Sample Temperature	
9. Sample Location		10. Sample Date	
11. Sample Time		12. Sample Time	
13. Sample Time		14. Sample Time	
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45. Sample Time		46. Sample Time	
47. Sample Time		48. Sample Time	
49. Sample Time		50. Sample Time	
51. Sample Time		52. Sample Time	
53. Sample Time		54. Sample Time	
55. Sample Time		56. Sample Time	
57. Sample Time		58. Sample Time	
59. Sample Time		60. Sample Time	
61. Sample Time		62. Sample Time	
63. Sample Time		64. Sample Time	
65. Sample Time		66. Sample Time	
67. Sample Time		68. Sample Time	
69. Sample Time		70. Sample Time	
71. Sample Time		72. Sample Time	
73. Sample Time		74. Sample Time	
75. Sample Time		76. Sample Time	
77. Sample Time		78. Sample Time	
79. Sample Time		80. Sample Time	
81. Sample Time		82. Sample Time	
83. Sample Time		84. Sample Time	
85. Sample Time		86. Sample Time	
87. Sample Time		88. Sample Time	
89. Sample Time		90. Sample Time	
91. Sample Time		92. Sample Time	
93. Sample Time		94. Sample Time	
95. Sample Time		96. Sample Time	
97. Sample Time		98. Sample Time	
99. Sample Time		100. Sample Time	

Notes:  
 1. The legal liabilities limited up to the analytical charges only.  
 2. The results are related only to the sample tested.  
 3. This report shall not be reproduced without the written approval of Azis Labs.  
 4. Specification as per MOEFCC/CPCB/MRPCB.  
 5. MOEF Recognized environment Laboratory valid up to 22/02/2023 (Q.1301802/2019)  
 6. NABL Accredited Lab (ISO/IEC 17025:2017) Valid until 05/06/2023

Authorized Signatory



# AzisLabs

► Works: Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India  
 ► City Office: 3/28, Vijay Nagar, Opp. Sayaji Hotel, Indore (M.P.) India, Tel. No.: 0731-4068173  
 ► Lab Contact No.: 98698 88318, 98270 08818, 7089333892  
 ► Email: info@azislabs.com, j.dingwani@azislabs.com Visit: www.azislabs.in

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 ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

## Test Report

Format No. AL/FM/51C

Page 1 of 1

Report No.		EN-20211225012	
Report Issue Date		13/01/2022	
1. Report issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India			
2. Report issued to (Name & Address)		3. Sample forwarding letter No. & Date	
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India		24/12/2021	
4. Sample Name	5. Sample received on	6. Sample Condition	
Stack air	25/12/2021	Good	
7. Sampling done by	8. Sampling Date	9. Sampling Location	10. Sampling Time
Azis Labs	24/12/2021	Fluid Heater	13:55 Hrs
11. Sampling Duration	30 Min	12. Stack attached to	13. Stack height
		14. Diameter	15. Ambient Temperature
		24°C	16. Wind direction
		From North East	
17. Fuel	18. Flue gas temperature	19. Flue gas velocity	
Coal	100°C	5.72 m/s	
20. Analysis Start Date	27/12/2021	21. Analysis End Date	
		13/01/2022	
22. Chemical & Physical Parameters			
Sr. No.	Test Parameter	Unit	Result
1.	Total Particulate matter (TPM)	mg/nm <sup>3</sup>	41.24
2.	Sulphur Dioxide (SO <sub>2</sub> )	mg/nm <sup>3</sup>	17.63
3.	Oxides of nitrogen (No <sub>2</sub> )	mg/nm <sup>3</sup>	22.55
			Max. 150
			Max. 100
			Max. 50
			IS: 11255(P-1)1985
			IS: 11255(P-2)1985
			IS: 11255(P-7)2005

**Note:**

- The legal liabilities limited up to the analytical charges only.
- The results are related only to the sample tested.
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- MOEF Recognized environment Laboratory valid up to 28/02/2023 (Q. 15018/02/2019)
- NABL Accredited Lab (ISO/IEC 17025 :2017) Valid Till The renewal of Accreditation.

Authorized Signatory

► Industrial & Environmental Pollution, Water & Effluent Water Testing, Drugs & Pharmaceutical, Biological/Microbiological Testing Services  
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 ► API Product (Process Development & Research), GMP/GLP Solution for Pharma / Food Industry





# Azis Labs

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 ► City Office: 3/26, Vilay Nagar, Opp. Sayaji Hotel, Indore (M.P.) India, Tel. No.: 0731-4068173  
 ► Lab Contact No.: 96688 89318, 98270 08819, 7089333892  
 ► Email: info@azislabs.com, j.dingwank@azislabs.com, Visit: www.azislabs.in

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## Test Report

Format No. AL/FM/51C

Page 1 of 1

Report No.		EN-20220324011			
Report Issue Date		07/04/2022			
1. Report Issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report Issued to (Name & Address)			3. Sample Forwarding Letter No. & Date		
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India			NA		
4. Sample Name		5. Sample received date		6. Sample Condition	
Stack air		24/03/2022		Good	
7. Sampling done by	8. Sampling Date	9. Sampling Location	10. Sampling Time	11. Sampling Duration	
Azis Labs	23/03/2022	Thermopack stack Fluid Heater 2	13:40Hrs	30 Min	
12. Stack attached to	13. Stack height	14. Diameter	15. Ambient Temperature	16. Wind direction	
Fluid Heater 10 lac kilo calorie/hr.	30 meter	100 cm	33°C	From North West	
17. Fuel	18. Flue gas temperature	19. Flue gas velocity			
Natural gas	126°C	7.20 m/s			
20. Analysis Start Date	25/03/2022	21. Analysis End Date		07/04/2022	
22. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
1.	Total Particulate matter (TPM)	mg/nm <sup>3</sup>	55.85	Max.150	IS: 11255(P-1)1985
2.	Sulphur Dioxide(SO <sub>2</sub> )	mg/nm <sup>3</sup>	24.32	Max.100	IS:11255(P-2)1985
3.	Oxides of nitrogen (No <sub>2</sub> )	mg/nm <sup>3</sup>	39.74	Max.50	IS:11255(P-7)2005
<b>Note:</b> 1. The legal liabilities limited up to the analytical charges only. 2. The results are related only to the sample tested. 3. This reports shall not be reproduced without the written approval of Azis Labs. 4. Specification as per MoEF&CC/CPCB/MPPCB. 5. MOEF Recognized environment Laboratory valid up to 28/02/2023 (Q. 15018/02/2019) 6. NABL Accredited Lab (ISO/IEC 17025:2017) Valid until 05/06/2023					

  
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 ► Lab Contact No.: 8688888318, 9827008819, 7089333892  
 ► Email: info@azislabs.com, j.dingwani@azislabs.com, Visit: www.azislabs.in

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## Test Report

Format No. AL/FM/51C

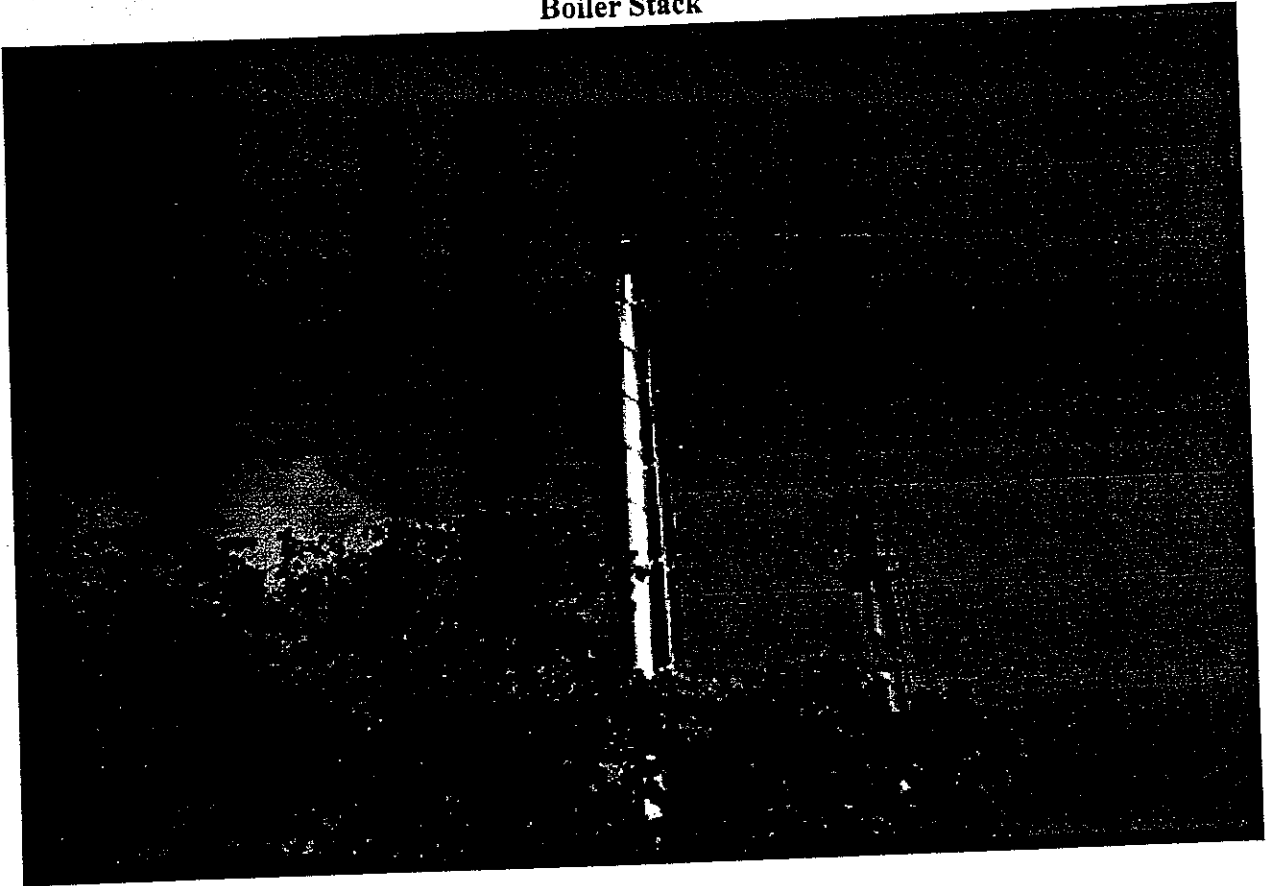
Page 1 of 1

Report No.		EN-20211225034			
Report Issue Date		13/01/2022			
1. Report Issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report Issued to (Name & Address):					
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India			3. Sample forwarding letter No. & Date: 24/12/2021		
4. Sample Name		5. Sample received date		6. Sample Condition	
Stack air		25/12/2021		Good	
7. Sampling done by		8. Sampling Date		9. Sampling Location	
Azis Labs		24/12/2021		Fluid Heater Stack (2)	
10. Sampling Time		11. Sampling Duration		12. Stack attachment to	
14:25 Hrs		30 Min		Fluid Heater 10 lac kilo.calorie/hr	
13. Stack height		14. Diameter		15. Ambient Temperature	
30 meter		100 cm		24°C	
16. Wind direction		17. Fuel		18. Flue gas temperature	
From East		Natural Gas		135°C	
19. Flue gas velocity		20. Analysis Start Date		21. Analysis End Date	
6.12 m/s		27/12/2021		13/01/2022	
22. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Compl. status	Test Method
1.	Particulate Matter (PM)	mg/Nm <sup>3</sup>	42.47	Max. 150	IS: 11255 (Part-1) 1985
2.	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	17.25	Max. 100	IS: 11255 (Part-2) 1985
3.	Oxides of Nitrogen (NO <sub>2</sub> )	mg/Nm <sup>3</sup>	26.30	Max. 50	IS: 11255 (Part-7) 2005
Note:					
1. The legal liabilities limited up to the analytical charges only.					
2. The results are related only to the sample tested.					
3. This reports shall not be reproduced without the written approval of Azis Labs.					
4. Specification as per MoEF & CC/CPCB/MPPCB.					
5. MOEF Recognized environment Laboratory valid up to 28/02/2023 (Q. 15018/02/2019)					
6. NABL Accredited Lab (ISO /IEC 17025 :2017) Valid Till The renewal of Accreditation.					

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Boiler Stack



Bag Filter







# AzisLabs

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 ► Lab Contact No.: 98898 89316, 98270 08819, 7088333892  
 ► Email: info@azislabs.com, j.dingwan@azislabs.com, Visit: www.azislabs.in

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## Test Report

Format No. AL/FM/51C

Page 1 of 1

Report No.		EN-20220324013			
Report Issue Date		07/04/2022			
1. Report issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report issued to (Name & Address)		3. Sample forwarding letter No. & Date			
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India		NA			
4. Sample Name		5. Sample received date		6. Sample Condition	
Stack air		24/03/2022		Good	
7. Sampling done by	8. Sampling Date	9. Sampling Location	10. Sampling Time	11. Sampling Duration	
Azis Labs	23/03/2022	DG 600 KVA (No.2)	14:40 Hrs	20 Min	
12. Stack attached to	13. Stack height	14. Diameter	15. Ambient Temperature	16. Wind direction	
DG 600 KVA (No.2)	11 meter	20 cm	33°C	From North West	
17. Fuel	18. Flue gas temperature	19. Flue gas velocity			
HSD	84°C	8.09m/s			
20. Analysis Start Date		21. Analysis End Date		07/04/2022	
25/03/2022					
22. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
1.	Total Particulate Matter (PM)	g/kw-hr	0.14	Max 0.2	IS: 11255 (Part-1) 1985
2.	Sulphur Dioxide (SO <sub>2</sub> )	g/kw-hr	0.074	Max 0.3	IS: 11255 (Part-2) 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	g/kw-hr	2.91	Max 4.0	IS: 11255 (Part-7) 2005
4.	Carbon Monoxide (CO)	g/kw-hr	1.86	Max 3.5	IS: 13270-1992
<b>Note:</b> 1. The legal liabilities limited up to the analytical charges only. 2. The results are related only to the sample tested. 3. This reports shall not be reproduced without the written approval of Azis Labs. 4. Specification as per MoEF&CC/CPCB/MPPCB. 5. MOEF Recognized environment Laboratory valid up to 28/02/2023 (Q. 15018/02/2019) 6. NABL Accredited Lab (ISO/IEC 17025:2017) Valid until 05/06/2023					

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 ► Lab Contact No.: 98898 89318, 98270 08818, 7089333882  
 ► Email: info@azislabs.com, j.dingwani@azislabs.com, Visit: www.azislabs.in

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## Test Report

Format No. AL/FM/51C

Page 1 of 1

Report No.		EN-20211225015			
Report Issue Date		13/01/2022			
1. Report issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report issued to (Name & Address)		3. Sample forwarding letter No. & Date			
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India		24/12/2021			
4. Sample Name		5. Sample received date	6. Sample Condition		
Stack air		25/12/2021	Good		
7. Sampling done by	8. Sampling Date	9. Sampling Location	10. Sampling Time	11. Sampling Duration	
Azis Labs	24/12/2021	DG 600 KVA	16:10 Hrs	20 Min	
12. Stack attached to	13. Stack height	14. Diameter	15. Ambient Temperature	16. Wind direction	
DG 600 KVA	11 meter	20 cm	24°C	From North East	
17. Fuel	18. Flue gas temperature	19. Flue gas velocity			
HSD	89°C	7.25 m/s			
20. Analysis Start Date	27/12/2021	21. Analysis End Date		13/01/2022	
22. Chemicals & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
1.	Total Particulate Matter (PM)	g/kw-hr	0.15	Max 0.2	IS: 11255 (Part-1) 1985
2.	Sulphur Dioxide (SO <sub>2</sub> )	g/kw-hr	0.28	Max 0.3	IS: 11255 (Part-2) 1985
3.	Oxides of Nitrogen (NO <sub>2</sub> )	g/kw-hr	2.35	Max 4.0	IS: 11255 (Part-7) 2005
4.	Carbon Monoxide (CO)	g/kw-hr	2.74	Max 3.5	IS: 13270-1992
<b>Note:</b> 1. The legal liabilities limited up to the analytical charges only. 2. The results are related only to the sample tested. 3. This reports shall not be reproduced without the written approval of Azis Labs. 4. Specification as per MoEF&CC/CPCB/MPPCB. 5. MOEF Recognized environment Laboratory valid up to 28/02/2023 (Q. 15018/02/2019) 6. NABL Accredited Lab (ISO /IEC 17025 :2017) Valid Till The renewal of Accreditation.					

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 ► Lab Contact No.: 98898 89318, 98270 08818, 7089333892  
 ► Email: info@azislabs.com, j.dingwani@azislabs.com, Visit: www.azislabs.in

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## Test Report

Format No. AL/FM/51C

Page 1 of 1

Report No.		EN-20220324012			
Report Issue Date		07/04/2022			
1. Report issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report issued to (Name & Address)			3. Sample forwarding letter No. & Date		
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India			NA		
4. Sample Name		5. Sample received date		6. Sample Condition	
Stack air		24/03/2022		Good	
7. Sampling done by	8. Sampling Date	9. Sampling Location	10. Sampling Time	11. Sampling Duration	
Azis Labs	23/03/2022	DG 650 KVA (No.1)	14:15 Hrs	20 Min	
12. Stack attached to	13. Stack height	14. Diameter	15. Ambient Temperature	16. Wind direction	
DG 650 KVA (No.1)	11 meter	20 cm	33°C	From North West	
17. Fuel	18. Flue gas temperature	19. Flue gas velocity			
HSD	89°C	8.06m/s			
20. Analysis Start Date	25/03/2022	21. Analysis End Date		07/04/2022	
22. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
1.	Total Particulate Matter (PM)	g/kw-hr	0.18	Max 0.2	IS: 11255 (Part-1) 1985
2.	Sulphur Dioxide (SO <sub>2</sub> )	g/kw-hr	0.067	Max 0.3	IS: 11255 (Part-2) 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	g/kw-hr	2.57	Max 4.0	IS: 11255 (Part-7) 2005
4.	Carbon Monoxide (CO)	g/kw-hr	1.34	Max 3.5	IS: 13270-1992
<b>Note:</b> 1. The legal liabilities limited up to the analytical charges only. 2. The results are related only to the sample tested. 3. This reports shall not be reproduced without the written approval of Azis Labs. 4. Specification as per MoEF & CC/CPCB/MPPCB 5. MOEF Recognized environment Laboratory valid up to 28/02/2023 (Q. 15018/02/2019) 6. NABL Accredited Lab (ISO /IEC 17025 :2017) Valid until 05/06/2023					

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 ► Lab Contact No.: 98898 89318, 98270 08818, 7089333892  
 ► Email: info@azislabs.com, j.dingwari@azislabs.com, Visit: www.azislabs.in

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## Test Report

Format No. AL/FM/51C

Page 1 of 1

Report No.		EN-20220324015			
Report Issue Date		07/04/2022			
1. Report Issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report Issued to (Name & Address)			3. Sample forwarding letter No. & Date		
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India			NA		
4. Sample Name		5. Sample received date		6. Sample Condition	
Stack air		24/03/2022		Good	
7. Sampling done by	8. Sampling Date	9. Sampling Location	10. Sampling Time	11. Sampling Duration	
Azis Labs	23/03/2022	DG 125 KVA	15:45Hrs	20 Min	
12. Stack attached to	13. Stack height	14. Diameter	15. Ambient Temperature	16. Wind direction	
DG 125 KVA	12 meter	20 cm	33°C	From North West	
17. Fuel	18. Flue gas temperature	19. Flue gas velocity			
HSD	77°C	7.13 m/s			
20. Analysis Start Date		21. Analysis End Date			
25/03/2022		07/04/2022			
22. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
1.	Total Particulate Matter(PM)	g/kw-hr	0.13	Max 0.2	IS: 11255 (Part-1) 1985
2.	Sulphur Dioxide(SO <sub>2</sub> )	g/kw-hr	0.17	Max 0.3	IS: 11255 (Part-2) 1985
3.	Oxides of Nitrogen(NO <sub>x</sub> )	g/kw-hr	2.19	Max 4.0	IS: 11255 (Part-7) 2005
4.	Carbon Monoxide(CO)	g/kw-hr	2.33	Max 3.5	IS: 13270-1992
<b>Note:</b> 1. The legal liabilities limited up to the analytical charges only. 2. The results are related only to the sample tested. 3. This reports shall not be reproduced without the written approval of Azis Labs. 4. Specification as per MoEF&CC/CPCB/MPPCB. 5. MOEF Recognized environment Laboratory valid up to 28/02/2023(Q. 15018/02/2019) 6. NABL Accredited Lab (ISO /IEC 17025 :2017) Valid until 05/06/2023					

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 ► Lab Contact No.: 96898 89316, 98270 08818, 7088333892  
 ► Email: info@azislabs.com, j.dingwani@azislabs.com, Visit: www.azislabs.in

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## Test Report

Format No. AL/PM/51C

Page 1 of 1

Report No.		EN-20211225013			
Report Issue Date		13/01/2022			
1. Report Issued By: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report Issued to (Name & Address)		3. Sample Forwarding letter No. & Date			
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India		24/12/2021			
4. Sample Name		5. Sample received date		6. Sample Condition	
Stack air		25/12/2021		Good	
7. Sampling done by	8. Sampling Date	9. Sampling Location	10. Sampling Time	11. Sampling Duration	
Azis Labs	24/12/2021	DG-125 KVA	14:35 Hrs	20 Min	
12. Stack attached to	13. Stack height	14. Flue gas	15. Ambient Temperature	16. Wind direction	
DG-125 KVA	12 meter	20 cm	24°C	From North East	
17. Fuel	18. Flue gas temperature	19. Flue gas velocity			
HSD	78°C	7.59 m/s			
20. Analysis Start Date	27/12/2021	21. Analysis End Date		13/01/2022	
22. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
1.	Total Particulate Matter (PM)	g/kw-hr	0.19	Max 0.2	IS: 11255 (Part-1) 1985
2.	Sulphur Dioxide (SO <sub>2</sub> )	g/kw-hr	0.039	Max 0.3	IS: 11255 (Part-2) 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	g/kw-hr	2.92	Max 4.0	IS: 11255 (Part-7) 2005
4.	Carbon Monoxide (CO)	g/kw-hr	1.88	Max 3.5	IS: 13270-1992
<b>Note:</b> 1. The legal liabilities limited up to the analytical charges only. 2. The results are related only to the sample tested. 3. This reports shall not be reproduced without the written approval of Azis Labs. 4. Specification as per MoEF&CC/CPCB/MPPCB. 5. MOEF Recognized environment Laboratory valid up to 28/02/2023 (Q. 15018/02/2019) 6. NABL Accredited Lab (ISO /IEC 17025 :2017) Valid Till The renewal of Accreditation.					

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 ► API Product (Process Development & Research), GMP/GLP Solution for Pharma / Food Industry





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 ► Lab Contact No.: 98688 89318; 98270 08818; 7088333892  
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## Test Report

Format No. AL/FM/51C

Page 1 of 1

Report No.		EN-20220324014			
Report Issue Date		07/04/2022			
1. Report issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report issued to (Name & Address)			3. Sample forwarding letter No. & Date		
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India			NA		
4. Sample Name		5. Sample received date		6. Sample Condition	
Stack air		24/03/2022		Good	
7. Sampling done by	8. Sampling Date	9. Sampling Location	10. Sampling Time	11. Sampling Duration	
Azis Labs	23/03/2022	DG 1010 KVA	15:10 Hrs	20 Min	
12. Stack attached to	13. Stack height	14. Diameter	15. Ambient Temperature	16. Wind direction	
DG 1010 KVA	11 meter	20 cm	33°C	From North West	
17. Fuel	18. Flue gas temperature	19. Flue gas velocity			
HSD	79°C	8.12 m/s			
20. Analysis Start Date		21. Analysis End Date			
25/03/2022		07/04/2022			
22. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
1.	Total Particulate Matter (PM)	mg/Nm <sup>3</sup>	39.53	Max 50	IS: 11255 (Part-1) 1985
2.	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	21.84	Max 25	IS: 11255 (Part-2) 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	33.73	Max 300	IS: 11255 (Part-7) 2005
4.	Carbon Monoxide (CO)	mg/Nm <sup>3</sup>	28.41	Max 150	IS: 13270-1992
Note:					
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 ► **Lab Contact No.:** 98898 89318, 98270 08818, 7088333882  
 ► **Email:** info@azislabs.com, j.dingwani@azislabs.com, Visit: www.azislabs.in

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## Test Report

Format No. AL/FM/51C

Page 1 of 1

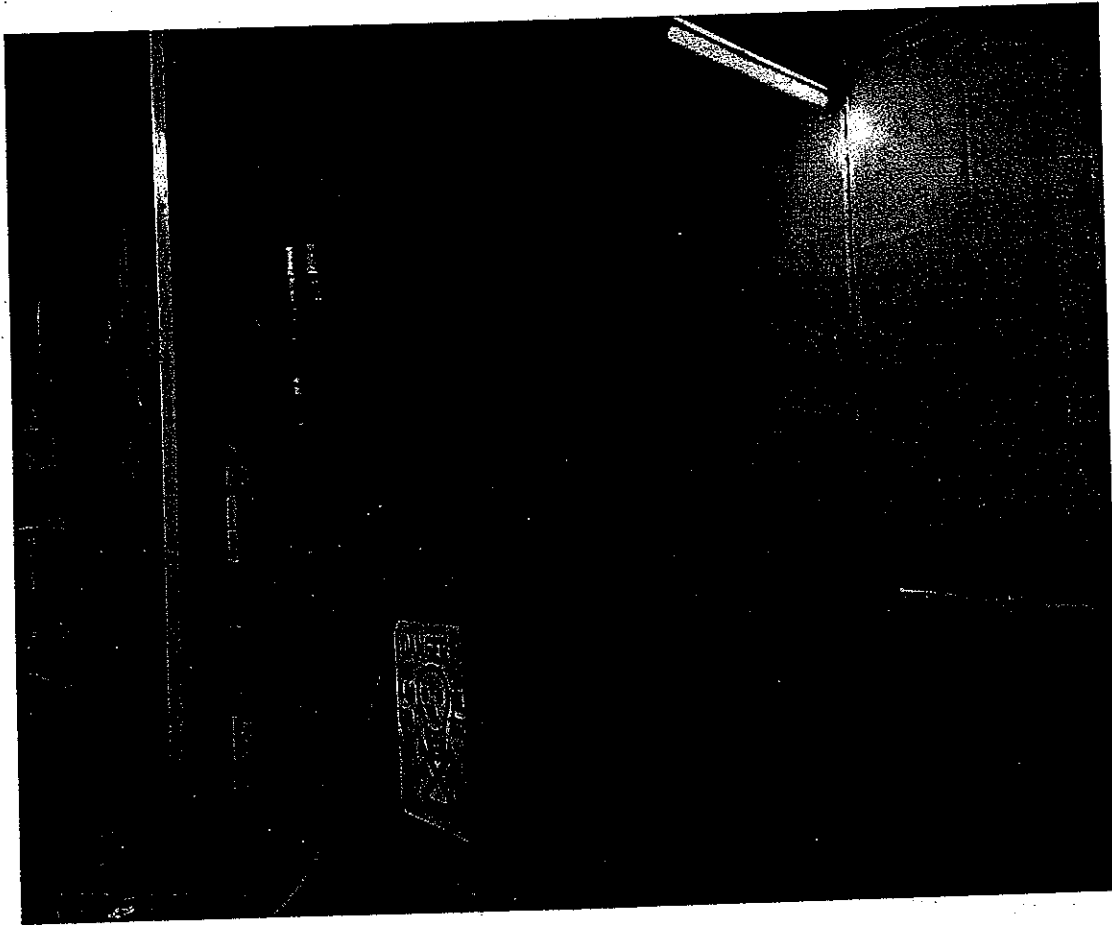
Report No.		EN-20211225016			
Report Issue Date		13/01/2022			
1. Report issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report issued to (Name & Address):			3. Sample forwarding letter No. & Date:		
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India			24/12/2021		
4. Sample Name		5. Sample received date		6. Sample Condition	
Stack air		25/12/2021		Good	
7. Sampling done by	8. Sampling Date	9. Sampling Location	10. Sampling Time	11. Sampling Duration	
Azis Labs	24/12/2021	DG 1010 KVA	15:05 Hrs	20 Min	
12. Stack attached to	13. Stack height	14. Stack Diameter	15. Ambient Temperature	16. Wind direction	
DG 1010 KVA	11 meter	20 cm	24°C	From North East	
17. Fuel	18. Flue gas temperature	19. Flue gas velocity			
HSD	85°C	8.02 m/s			
20. Analysis Start Date	27/12/2021	21. Analysis End Date		13/01/2022	
22. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
1.	Total Particulate Matter (PM)	mg/Nm <sup>3</sup>	38.55	Max 50	IS: 11255 (Part-1) 1985
2.	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	21.60	Max 25	IS: 11255 (Part-2) 1985
3.	Oxides of Nitrogen (NO <sub>2</sub> )	mg/Nm <sup>3</sup>	24.26	Max 300	IS: 11255 (Part-7) 2005
4.	Carbon Monoxide (CO)	mg/Nm <sup>3</sup>	23.87	Max 150	IS: 13270-1992
<b>Note:</b> 1. The legal liabilities limited up to the analytical charges only. 2. The results are related only to the sample tested. 3. This reports shall not be reproduced without the written approval of Azis Labs. 4. Specification as per MoEF&CC/GPCB/MPPCB 5. MOEF Recognized environment Laboratory valid up to 28/02/2023 (Q. 15018/02/2019) 6. NABL Accredited Lab (ISO/IEC 17025:2017) Valid Till The renewal of Accreditation.					

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**ANNEXURE-03J**

**DG set with Acoustic Enclosure**







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## Test Report

Format No. AL/FM/51C

Page 1 of 1

Report No.		EN-20220324017			
Report Issue Date		07/04/2022			
1. Report issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report issued to (Name & Address)			3. Sample forwarding letter No. & Date		
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India			NA		
4. Sample Name			5. Sample received date		6. Sample Condition
Scrubber Stack			24/03/2022		Good
7. Sampling done by	8. Sampling Date	9. Sampling Location	10. Sampling Time	11. Sampling Duration	
Azis Labs	23/03/2022	Scrubber Stack (Plant No-1)	12:30Hrs	20 Min	
12. Stack attached to	13. Stack height	14. Diameter	15. Ambient Temperature	16. Wind direction	
Production 4,7 Dichloro alinoline	5.3 meter	40 cm	33°C	From North West	
17. Fuel	18. Flue gas temperature	19. Flue gas velocity			
	69°C	5.83 m/s			
20. Analysis Start Date	25/03/2022	21. Analysis End Date	07/04/2022		
22. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
1.	Total Particulate matter (TPM)	mg/nm <sup>3</sup>	5.07	Max.50	IS: 11255(P-1)1985
2.	Sulphur Dioxide(SO <sub>2</sub> )	mg/nm <sup>3</sup>	Nil	Max.25	IS:11255(P-2)1985
3.	HCl Fumes	µg/nm <sup>3</sup>	0.28	Max.20	In-house by HCL Analyzer
<b>Note:</b> 1. The legal liabilities limited up to the analytical charges only. 2. The results are related only to the sample tested. 3. This reports shall not be reproduced without the written approval of Azis Labs. 4. Specification as per MoEF&CC/CPCB/MPPCB. 5. MOEF Recognized environment Laboratory valid up to 28/02/2023 (Q. 15018/02/2019) 6. NABL Accredited Lab (ISO /IEC 17025 :2017) Valid until 05/06/2023					

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 ▶ Lab Contact No.: 96888 89318, 98270 08819, 7089333892  
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Format No. AL/FM/51C

1. Report Issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India		Report No.: EN-20211225017			
2. Report Issued to (Name & Address):		Report Issue Date: 13/01/2022			
3. Sample for testing (Name, No. & Date):		24/12/2021			
4. Sample Name: Scrubber Stack		5. Sample received date: 25/12/2021			
6. Sample Condition: Good		7. Sampling done by: Azis Labs			
8. Sampling Date: 25/12/2021		9. Sampling Location: Scrubber Stack (Plant No-1)			
10. Sampling Time: 11:15 Hrs		11. Sampling Duration: 20 Min			
12. Stack attached to: Production-4,7 Dichloroquinoline		13. Stack height: 5.3 meter			
14. Diameter: 40 cm		15. Ambient Temperature: 24°C			
16. Wind direction: From North East		17. Flue gas temperature: 64°C			
18. Flue gas velocity: 6.90 m/s		19. Analysis Date: 13/01/2022			
20. Analysis Start Date: 27/12/2021		21. Analysis End Date: 13/01/2022			
Sl. No.	Test Parameter	Unit	Result	Specification	Test Method
1.	Total Particulate matter (TPM)	mg/nm <sup>3</sup>	5.58	Max.50	IS: 11255(P-1)1985
2.	Sulphur Dioxide (SO <sub>2</sub> )	mg/nm <sup>3</sup>	Nil	Max.25	IS: 11255(P-2)1985
3.	HCl Fumes	µg/nm <sup>3</sup>	0.14	Max.20	In-house by HCL Analyzer

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## Test Report

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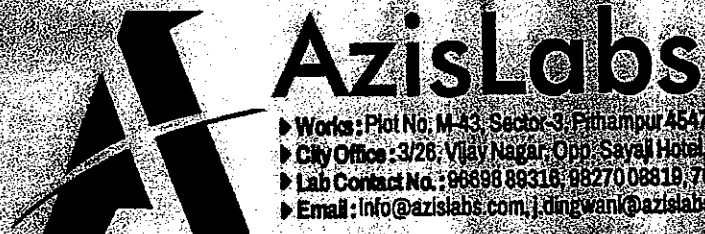
Page 1 of 1

Report No.		EN-20220324018			
Report Issue Date		07/04/2022			
1. Report issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report issued to (Name & Address)		3. Sample forwarding letter No. & Date			
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India		NA			
4. Sample Name		5. Sample received date	6. Sample Condition		
Scrubber Stack - Plant No.5		24/03/2022	Good		
7. Sampling done by	8. Sampling Date	9. Sampling Location	10. Sampling Time		
Azis Labs	23/03/2022	Scrubber stack Plant No.5	13:10 Hrs		
11. Sampling Duration	12. Stack attached to	13. Stack height	14. Diameter		
20 Min	Amodiquine HCL	3.0 meter	100 cm		
15. Ambient Temperature	16. Wind direction	17. Fuel	18. Flue gas temperature		
33°C	From North West		59°C		
19. Flue gas velocity	20. Analysis Start Date	21. Analysis End Date			
	25/03/2022	07/04/2022			
22. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
1.	Total Particulate matter (TPM)	mg/nm <sup>3</sup>	3.44	Max:50	IS: 11255(P-1)1985
2.	Sulphur Dioxide (SO <sub>2</sub> )	mg/nm <sup>3</sup>	Nil	Max:25	IS: 11255(P-2)1985
3.	HCl Fumes	µg/nm <sup>3</sup>	0.84	Max:20	In-house by HCL Analyzer
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## Test Report

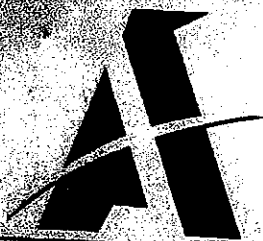
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Page 1 of 1

Report No.		EN-20211225020	
Report Issue Date		13/01/2022	
1. Report Issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India			
2. Report Issued to (Name & Address)		3. Sample forwarding letter No. & Date	
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India		24/12/2021	
4. Sample Name	5. Sample received date	6. Sample Condition	
Scrubber Stack - Plant No. 5 SCB 601	25/12/2021	Good	
7. Sampling done by	8. Sampling Date	9. Sampling Location	10. Sampling Time
Azis Labs	25/12/2021	Scrubber stack Plant No. 5	12:45 Hrs
11. Sampling Duration	12. Stack attached to	13. Stack height	14. Diameter
20 Min	Production - Amodiaquine HCL	3.0 meter	100 cm
15. Ambient Temperature	16. Wind direction	17. Fuel	
24°C	From north East	18. Flue gas temperature	
		56°C	
		19. Flue gas velocity	
		18.80 m/s	
20. Analysis Start Date		21. Analysis End Date	
27/12/2021		13/01/2022	
22. Chemical & Physical Parameters			
Sr. No.	Test Parameter	Unit	Result
1.	Total Particulate matter (TPM)	mg/nm <sup>3</sup>	3.97
2.	Sulphur Dioxide (SO <sub>2</sub> )	mg/nm <sup>3</sup>	Nil
3.	HCL Fumes	µg/nm <sup>3</sup>	0.49
		Specification	Test Method
		Max. 50	IS: 11255(P-1)1985
		Max. 25	IS: 11255(P-2)1985
		Max. 20	In-house by HCL Analyzer
<b>Note:</b> 1. The legal liabilities limited up to the analytical charges only. 2. The results are related only to the sample tested. 3. This reports shall not be reproduced without the written approval of Azis Labs. 4. Specification as per MoEF&CC/CPCB/MPPCB 5. MOEF Recognized environment Laboratory valid up to 28/02/2023 (Q. 15018/02/2019) 6. NABL Accredited Lab (ISO /IEC 17025 :2017) Valid Till The renewal of Accreditation.			

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Report No.		EN-20220324019			
Report Issue Date		07/04/2022			
1. Report issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report issued to (Name & Address): IPCA Laboratories Limited, Industrial Estate, Polo ground, Indore (M.P.) - 452015, India					
3. Sample forwarding letter No. & Date: NA					
4. Sample Name: Scrubber Stack Plant No-4		5. Sample received date: 24/03/2022			
6. Sample Condition: Good		7. Sampling done by: Azis Labs			
8. Sampling Date: 23/03/2022		9. Sampling Location: Scrubber Plant No-4			
10. Sampling Time: 13:40 Hrs		11. Sampling Duration: 20 Min			
12. Stack attached to: Amodiquine Base		13. Stack height: 3.0 meter			
14. Diameter: 40cm		15. Ambient Temperature: 33°C			
16. Wind direction: From North West		17. Fuel: 59°C			
18. Flue gas temperature: 59°C		19. Flue gas velocity: 3.66 m/s			
20. Analysis Start Date: 25/03/2022		21. Analysis End Date: 07/04/2022			
22. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
1.	Total Particulate matter (TPM)	mg/nm <sup>3</sup>	7.82	Max.50	IS: 11255(P-1)1985
2.	Sulphur Dioxide (SO <sub>2</sub> )	mg/nm <sup>3</sup>	Nil	Max.25	IS: 11255(P-2)1985
3.	HCl Fumes	µg/nm <sup>3</sup>	0.53	Max.20	In-house by HCL Analyzer

**Note:**

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- The results are related only to the sample tested.
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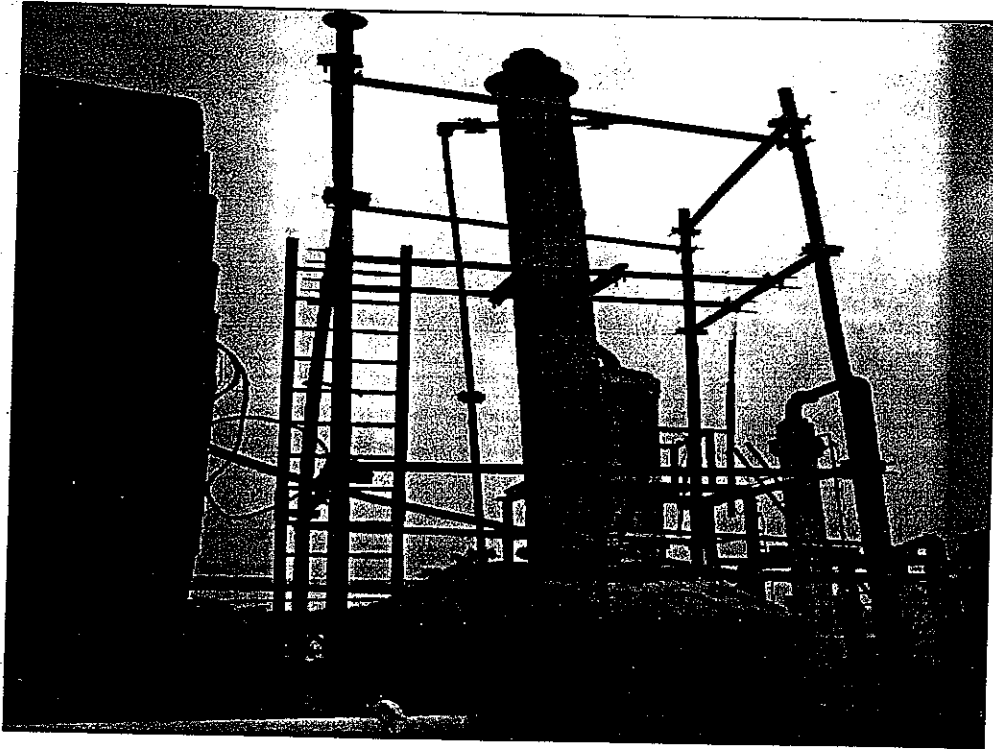
Report No.		EN-20211225018			
Report Issue Date		13/01/2022			
1. Report issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India					
2. Report issued to (Name & Address):					
IPCA Laboratories Limited		3. Sample forwarding letter No. & Date			
Industrial Estate, Polo ground		24/12/2021			
Indore (M.P.) - 452015, India					
4. Sample Name		5. Sample received date			
Scrubber Stack Plant No-4		25/12/2021			
6. Sampling done by		7. Sample Condition			
Azis Labs		Good			
8. Sampling Date		9. Sampling Location			
25/12/2021		Scrubber Plant No-4			
10. Sampling Time		11. Sampling Duration			
11:45 Hrs		20 Min			
12. Stack attached to		13. Stack height			
Hydroxy chloroquine sulphate		3.0 meter			
14. Diameter		15. Ambient Temperature			
40cm		24°C			
16. Wind direction		17. Fuel			
From north East					
18. Flue gas temperature		19. Flue gas velocity			
59°C		7.03 m/s			
20. Analysis Start Date		21. Analysis End Date			
27/12/2021		13/01/2022			
22. Chemical & Physical Parameters					
Sr. No.	Test Parameter	Unit	Result	Specification	Test Method
1.	Total Particulate matter (TPM)	mg/nm <sup>3</sup>	6.73	Max.50	IS: 11255(P-1)1985
2.	Sulphur Dioxide (SO <sub>2</sub> )	mg/nm <sup>3</sup>	Nil	Max.25	IS: 11255(P-2)1985
3.	HCl Fumes	µg/nm <sup>3</sup>	0.34	Max.20	In-house by HCL Analyzer
Note:					
1. The legal liabilities limited up to the analytical charges only.					
2. The results are related only to the sample tested.					
3. This reports shall not be reproduced without the written approval of Azis Labs.					
4. Specification as per MoEF&CC/CPCB/MPPCB					
5. MOEF Recognized environment Laboratory valid up to 28/02/2023 (Q. 15018/02/2019)					
6. NABL Accredited Lab (ISO /IEC 17025 :2017) Valid Till The renewal of Accreditation.					

Authorized Signatory

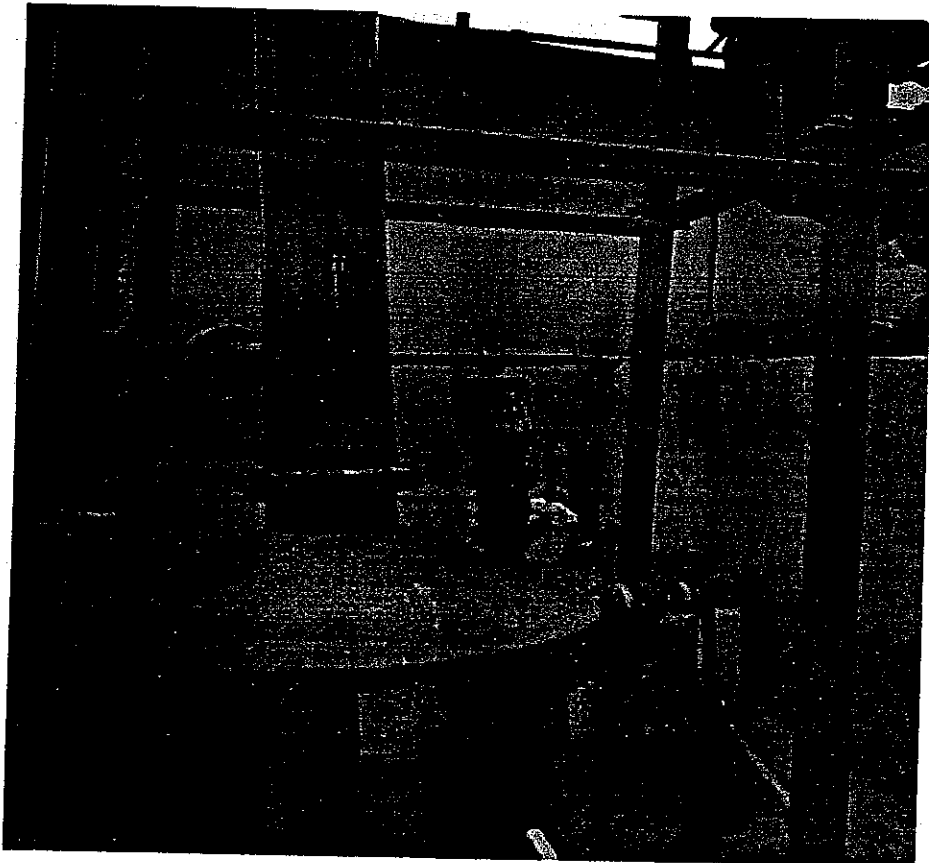
Industrial & Environmental Pollution, Water & Effluent Water Testing, Drugs & Pharmaceutical, Biological/Microbiological Testing Services  
 Food & Agriculture Products Testing, Method Development & Validation (Pharma, Food & Environment).  
 API Product (Process Development & Research), GMP/GLP Solution for Pharma/Food Industry



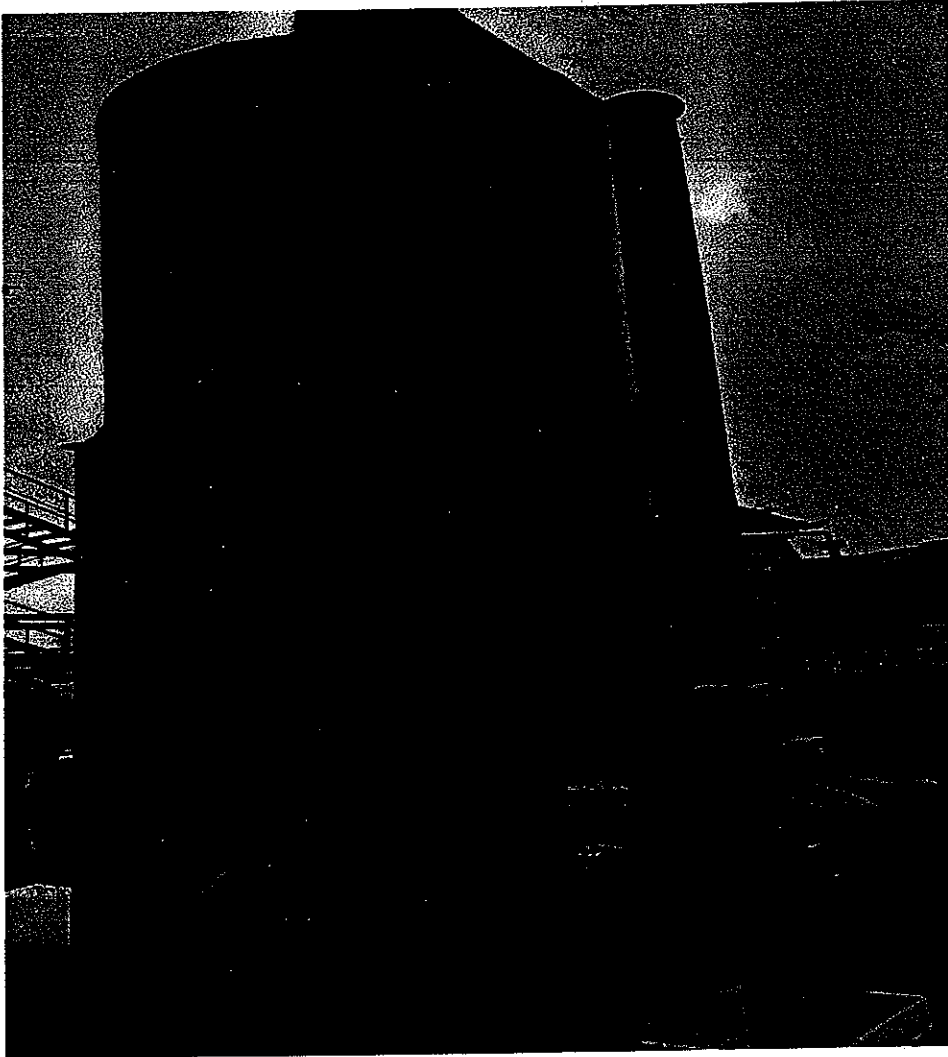
Scrubber (Plant-01)

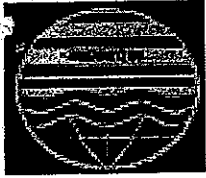


Scrubber (Plant-04)



## Scrubber (Plant-05)





## Consent Order

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

RED MEDIUM

Authorization

CONSENT TO

Consent No. H-52927

PCBID: 10673

To,

The Occupier,  
IPCA Laboratories Ltd.  
Plot No.89A-B/90/91,  
Industrial Estate Pologround,  
Indore 452003 (MP)

**Sub:** Grant of Authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016- reg.

**Ref:** Your application receipt no. CCA-Expansion -1022841-02/12/2020-H last communication dated 12/01/2021

With reference to your above application for authorization has been considered under the aforesaid existing rules therein. The M. P. Pollution Control Board has agreed to grant authorization up to 31/12/2025, subject to the fulfillment of the terms & conditions, enclosed with this letter.

### SUBJECT TO THE FOLLOWING CONDITIONS:-

- (a) Location: Plot No.89A-B/90/91, Industrial Estate Polo ground, Indore -- 452003 (M.P.)
- (b) The capital Investment: Rs. 65.36 Crores
- (c) Product and Production Capacity: As per Consent No: AW-51512 Outward No: 100248,15/05/2020

The validity of the authorization up to 31/12/2025 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 Authorization. Board reserves the right to amend/cancel / revoke the above condition in part or whole as and when required.

### Enclosures:-

- \* Conditions under Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016
- \* General conditions

### Copy to:

- 1) Collector, District Indore for information please.
- 2) Regional Officer, M.P. Pollution Control Board, Indore for information.

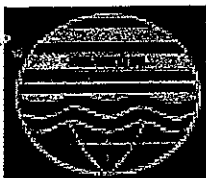
*e-Sign*  
Digitally signed by Aachyut Anand Mishra

e-Signed On 03/02/2021 00:16:38  
(Organic Authentication on AADHAR from UIDAI Server)  
TPAV # VIPH4HW4GK

*Aachyut Anand Mishra*

**ACHYUT ANAND MISHRA**  
Member Secretary





## Consent Order

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

### CONDITIONS PERTAINING TO HAZARDOUS AND OTHER WASTES (MANAGEMENT AND TRANS-BOUNDARY MOVEMENT) RULES, 2016:-

#### FORM-2

[See rule 6(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 authorization and date of issue : Refer at bottom of page
2. Reference of application (No. and date) : CCA-Expansion -1022841-02/12/2020-H
3. The Occupier of IPCA Laboratories Ltd. is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, reception, storage, transport, reuse, recycling, recovery, pre-processing, co-processing, utilization, treatment, disposal or any other use of hazardous or other wastes or both on the premises situated at Plot No.89A-B/90/91, Industrial Estate Polo ground, Indore - 452003 (M.P.)

#### Details of Authorisation

S.No.	Category of Hazardous Waste (as per the Schedule of Hazardous Wastes)	Authorized mode of disposal or recycling or utilization or re-use	Quantity (kg/MT)
1	Spent ion exchange resin containing toxic metals I -35.2	Collection, Disposal-TSDF	2.000-M.T
2	Spent Carbon or filter medium I -36.2	Co-processing, Collection, Disposal-incinerator, Disposal-TSDF, Generation, Pre-processing, Sale to authorize recycler, Storage, Thru authorized recycler, Transportation	15.000-M.T
3	Spent Solvents I -28.6	Disposal-incinerator, Thru authorized recycler	120.000-M.T
4	Contaminated cotton rags or other cleaning materials I -33.2	Disposal-TSDF, Sale to authorize recycler, Thru authorized recycler	10.000-M.T
5	Inorganic Acids II -B15	Disposal-sale, Re-cycling, Sale to authorize recycler, Thru authorized recycler	500.000-M.T
6	Chemical sludge from waste water treatment I -35.3	Collection, Disposal-TSDF, Generation, Pre-processing, Storage, Transportation	1000.000-M.T
7	Process Residue and wastes I -28.1	Co-processing, Collection, Disposal-incinerator, Disposal-TSDF, Generation, Pre-processing, Re-use, Sale to authorize recycler, Storage, Transportation	575.000-M.T
8	Used or Spent Oil I -5.1	Collection, Sale to authorize recycler, Storage, Thru authorized recycler, Transportation	1.500-M.T
9	Spent Catalyst I -28.2	Collection, Disposal-TSDF, Generation, Sale to authorize recycler, Storage, Transportation	10.000-M.T
10	Date-expired products I -28.5	Co-processing, Collection, Disposal-incinerator, Disposal-TSDF, Generation, Pre-processing, Storage	1.000-M.T
11	Spent Solvents I -28.6	Disposal-incinerator, Sale to authorize recycler, Storage, Thru authorized recycler	100.000-M.T
12	Chemical-containing residue arising from decontamination. I -34.1	Collection, Disposal-incinerator, Disposal-TSDF, Treatment	1.900-M.T
13	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes I -33.1	Collection, DEC, Disposal-sale, Re-use, Sale to authorize recycler, Transportation	100.000-M.T
14	Exhaust Air or Gas cleaning residue I -35.1	Disposal-TSDF	2.900-M.T
15	Oil And Grease, Skimming I -35.4	Disposal-TSDF	1.500-M.T
16	Any process or distillation residue I -36.1	Co-processing, Collection, Disposal-TSDF, Generation, Pre-processing, Storage, Transportation	37.000-M.T
17	Spent carbon I -28.3	Co-processing, Collection, Disposal-TSDF, Pre-processing, Storage	10.000-M.T
18	Corrosive II -C2	Re-cycling, Re-use	350.000-M.T

- (1) The authorization shall be valid for a period of five years i.e from dated 01/01/2021 to 31/12/2025
- (2) The authorization is subject to the following general and specific conditions:

Consent No:H-52927

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

### **A. General conditions of authorisation:**

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation.
11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
12. An application for the renewal of an authorisation shall be made as laid down under these Rules.
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

### **B. Specific conditions:**

1. 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.
2. The Industry shall maintain the records of hazardous wastes as per the Form-3 of rule 6(5) and should online submit the annual return in Form No.4 as per the rule 6(5) to this office on or before 30th day of June of every year for the preceding period April to March.
3. 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 Fax/telephone/emailit\_mppcb@rediffmail.com about the incident and detail report should be sent in Form No. 10 as per rule -22 of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
4. Packing, Labeling & Transportation of Hazardous wastes:-
  - (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.



## Consent Order

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

- (v) The occupier shall provide the transporter with seven 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 7 of the manifest accompany it.
  - (viii) The transporter shall submit copies 3 to 7 of the manifest duly signed with date to the operator of the facility along with the waste consignment.
  - (ix) 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.
5. The occupiers of facilities may store the hazardous and other wastes for a period not exceeding ninety days and shall maintain a record of sale, transfer, storage, recycling, recovery, pre-processing, co-processing and utilisation of such wastes and make these records available for inspection.
  6. 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.
  7. 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.
  8. The information regarding quantity of hazardous wastes generated and its analysis report should be sent to the Board online quarterly.
  9. Hazardous Waste Storage Site & Danger signboard shall be provided with all fire safety & emergency safety devices at the storage site.
  10. The authorized person should inform the name and address of the contact person responsible for hazardous waste management.
  11. The industry shall make arrangements for store of hazardous waste/non hazardous solid waste in cover shed with pucca floor area.

### GENERAL CONDITIONS:-

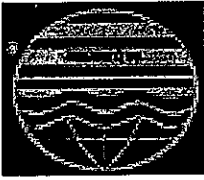
1. The non-hazardous solid waste arresting in the industry/unit/unit premises sweeping, etc. be disposed off scientifically so as not to cause any nuisance/pollution. The applicant shall take necessary permission from civic authorities for disposal to dumping site. If required.

#### **Non Hazardous Solid Waste:-**

Waste Name	Quantity (MT)	Disposal
wood, gunny bags, scrap/plastic packing, card board	70.000	Sale to authorized party/As per CPCB, MoEF&CC guidelines
Fly Ash	100.000	
Bottom ash from boiler	1500.000	

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 ensure 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.





## **Consent Order**

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

6. This consent is granted in respect of 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.

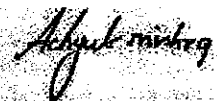
### **Additional Conditions :-**

1. The industry shall ensure the arrangements for disposal of Non Hazardous solid waste generated from the unit to the authorized venders only.
2. 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.
3. The industry shall strictly comply with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
4. The Project Proponent shall ensure disposal of hazardous waste through Pre-Processing as per SOPs/ guidelines of CPCB and MoEF&CC.
5. The Project Proponent shall submit NOC for pre-processing from Rajasthan State Pollution Control Board and other state PCB if waste has to be transported through other state within 7 days of receipt of this consent letter.
6. The Project Proponent shall intimate the Madhya Pradesh Pollution Control Board before sending hazardous waste for pre-processing.

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 authorization. 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.

  
e-Signed On 03/02/2021 00:16:38  
(Organic Authentication on AADHAR from UIDAI Server)

TPAV # VIPH4HW4GK



**ACHYUT ANAND MISHRA**  
Member Secretary

Consent No:H-52927

e-Signed (Physical Signature NOT requires)

To : Mr. Sameer Tamhane / Mr. Sanjay Jadhav → Mr. A. K. Jain

Through: Mr. C. S. Hillal *C.S. Hillal*  
22/06/2022

Date : 02/06/2022

Sub. : Regarding Approval for CSR Activity Budget for FY-2022-23 (Q-1).

Dear Sir,

Kindly accord your approval for following CSR Activity against our location budget for FY 2022-2023 (Q-1) - *Indore*.

Activities details as here under.

Sr. No.	Details of Activities	Amount (Rs)	Reference
1.	Water Harvesting System - Qty. 03 Nos. To install in our premises. • Plot No. 79/80 Pologround • Plot No. 89/90 Pologround • Plot No. 24/25, CWH Sanwer Road.	25000/-	Pologround Industrial Welfare Association, Indore
2.	Water Harvesting system for outside Temples in Zone-3 of Nagar Nigam - Qty. 10 Nos.	1,00,000/-	Commissioner, Indore Munciple Corporation.
3.	200 T-Shirts & 500 Caps.	1,00,000/-	Narcotics Department for celebration of Narcotics day on 26/06/2022.

Put up for your kind approval please.

With Regards,

*Praveen Tripathi*  
02/06/2022  
Praveen Tripathi





## Compliance of Water Consent Condition Vide No.- AW-53487 Dated 10/05/2021 Validity 31/01/2023

Sl. No.	Consent Condition	Compliance Status																																																																																																
1.	The quantity of trade effluent generation shall not exceed 150.000 KL/day, and the daily quantity of sewage at out fall of the unit shall not exceed 18.000 KL/day.	<p>Agreed and shall follow.</p> <p>Avg. trade Effluent from December '21 to May'22 : 74.6KL/Day &amp; Avg. Sewage generation from December'21 to May '22 : 9.8 KL/Day. Refer below annexures</p> <p><b>Annexure-12A (Average Trade Effluent)</b></p> <p><b>Annexure-12B (Average Sewage Generation)</b></p>																																																																																																
2.	<p><b>Trade Effluent Treatment:-</b></p> <p>The applicant shall operate and maintain adequate effluent treatment plant to achieve following standards-</p>	<p>Complying by treating effluent at ETP followed by RO and MEE/ATFD. (Result Date : 06.04.2022)</p>																																																																																																
	<table border="1"> <thead> <tr> <th>Parameter</th><th>Limit</th><th>Value</th></tr> </thead> <tbody> <tr> <td>pH</td><td>Between</td><td>5.5 - 9.0</td></tr> <tr> <td>Suspended Solids</td><td>Not exceed</td><td>100 mg/l</td></tr> <tr> <td>BOD 3days 27°C</td><td>Not exceed</td><td>30 mg/l</td></tr> <tr> <td>COD</td><td>Not exceed</td><td>250 mg/l</td></tr> <tr> <td>Oil and grease</td><td>Not exceed</td><td>10 mg/l</td></tr> <tr> <td>Chromium (Cr6+)</td><td>Not exceed</td><td>0.10 mg/l</td></tr> <tr> <td>Lead</td><td>Not exceed</td><td>0.10mg/l</td></tr> <tr> <td>Cyanide</td><td>Not exceed</td><td>0.10 mg/l</td></tr> <tr> <td>TDS</td><td>Not exceed</td><td>2100 mg/l</td></tr> <tr> <td>Chlorides</td><td>Not exceed</td><td>1000 mg/l</td></tr> <tr> <td>Mercury</td><td>Not exceed</td><td>0.01 mg/l</td></tr> <tr> <td>Arsenic</td><td>Not exceed</td><td>0.20</td></tr> <tr> <td>Phenolics (C6H5OH)</td><td>Not exceed</td><td>1.0 mg/l</td></tr> <tr> <td>Sulphides (as S)</td><td>Not exceed</td><td>2.0 mg/l</td></tr> <tr> <td>Phosphate (as P)</td><td>Not exceed</td><td>5.0 mg/l</td></tr> </tbody> </table>	Parameter	Limit	Value	pH	Between	5.5 - 9.0	Suspended Solids	Not exceed	100 mg/l	BOD 3days 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	0.10mg/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	<table border="1"> <thead> <tr> <th>Parameter</th><th>Unit</th><th>Value</th></tr> </thead> <tbody> <tr> <td>pH</td><td>—</td><td>5.74</td></tr> <tr> <td>Suspended Solids</td><td>mg/l</td><td>2.5</td></tr> <tr> <td>BOD 3days 27°C</td><td>mg/l</td><td>5.0</td></tr> <tr> <td>COD</td><td>mg/l</td><td>19.4</td></tr> <tr> <td>Oil and grease</td><td>mg/l</td><td>BDL</td></tr> <tr> <td>Chromium (Cr6+)</td><td>mg/l</td><td>BDL</td></tr> <tr> <td>Lead</td><td>mg/l</td><td>BDL</td></tr> <tr> <td>Cyanide</td><td>mg/l</td><td>BDL</td></tr> <tr> <td>TDS</td><td>mg/l</td><td>148.0</td></tr> <tr> <td>Chlorides</td><td>mg/l</td><td>44.0</td></tr> <tr> <td>Mercury</td><td>mg/l</td><td>BDL</td></tr> <tr> <td>Arsenic</td><td>mg/l</td><td>BDL</td></tr> <tr> <td>Phenolics (C6H5OH)</td><td>mg/l</td><td>BDL</td></tr> <tr> <td>Sulphides (as S)</td><td>mg/l</td><td>Nil</td></tr> <tr> <td>Phosphate (as P)</td><td>mg/l</td><td>1.7</td></tr> </tbody> </table>	Parameter	Unit	Value	pH	—	5.74	Suspended Solids	mg/l	2.5	BOD 3days 27°C	mg/l	5.0	COD	mg/l	19.4	Oil and grease	mg/l	BDL	Chromium (Cr6+)	mg/l	BDL	Lead	mg/l	BDL	Cyanide	mg/l	BDL	TDS	mg/l	148.0	Chlorides	mg/l	44.0	Mercury	mg/l	BDL	Arsenic	mg/l	BDL	Phenolics (C6H5OH)	mg/l	BDL	Sulphides (as S)	mg/l	Nil	Phosphate (as P)	mg/l	1.7
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pH	—	5.74																																																																																																
Suspended Solids	mg/l	2.5																																																																																																
BOD 3days 27°C	mg/l	5.0																																																																																																
COD	mg/l	19.4																																																																																																
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Chromium (Cr6+)	mg/l	BDL																																																																																																
Lead	mg/l	BDL																																																																																																
Cyanide	mg/l	BDL																																																																																																
TDS	mg/l	148.0																																																																																																
Chlorides	mg/l	44.0																																																																																																
Mercury	mg/l	BDL																																																																																																
Arsenic	mg/l	BDL																																																																																																
Phenolics (C6H5OH)	mg/l	BDL																																																																																																
Sulphides (as S)	mg/l	Nil																																																																																																
Phosphate (as P)	mg/l	1.7																																																																																																
	<p>For other parameters general standards of discharge as notified under EP Act 1986 shall be applicable.</p>	<p>In house, MPPCB &amp; Third party Analysis Reports Attached.</p> <ul style="list-style-type: none"> <li>• ANNEXURE-2A ( RO Outlet Report by MPPCB )</li> <li>• ANNEXURE-2B ( MEE Outlet Report by MPPCB )</li> <li>• ANNEXURE-2D (RO Outlet Report by AZIS Lab )</li> <li>• ANNEXURE-2E (MEE Outlet Report by AZIS Lab )</li> <li>• ANNEXURE-2F ( RO Outlet Report In house )</li> </ul>																																																																																																

	<p><b>Sewage Treatment :-</b> The applicant shall Operate and maintain sewage treatment system to achieve following standards -</p> <table><tr><th>Parameter</th><th>Limit</th><th>Value</th></tr><tr><td>pH</td><td>Between</td><td>5.5 - 9.0</td></tr><tr><td>Suspended Solids</td><td>Not exceed</td><td>100 mg/l.</td></tr><tr><td>BOD 3days 27°C</td><td>Not exceed</td><td>30 mg/l.</td></tr><tr><td>COD</td><td>Not exceed</td><td>250 mg/l.</td></tr><tr><td>Oil and grease</td><td>Not exceed</td><td>10 mg/l.</td></tr><tr><td>Fecal Coliform (MPN/100ml)</td><td>Not exceed</td><td>1000</td></tr></table>	Parameter	Limit	Value	pH	Between	5.5 - 9.0	Suspended Solids	Not exceed	100 mg/l.	BOD 3days 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	<p>STP is Operational and maintained to achieve prescribed standards. Analysis Report attached. (Result Date : 06.04.2022 )</p> <table><tr><th>Parameter</th><th>Value</th></tr><tr><td>pH</td><td>6.83</td></tr><tr><td>Suspended Solids</td><td>53.0 mg/l.</td></tr><tr><td>BOD 3days 27°C</td><td>11.0 mg/l.</td></tr><tr><td>COD</td><td>46.7 mg/l.</td></tr><tr><td>Oil and grease</td><td>&lt;1.0 ml</td></tr><tr><td>Fecal Coliform (MPN/100ml)</td><td>350.0</td></tr></table> <p>Refer ANNEXURE-2C ( STP Outlet Report by AZIS Labs)</p>	Parameter	Value	pH	6.83	Suspended Solids	53.0 mg/l.	BOD 3days 27°C	11.0 mg/l.	COD	46.7 mg/l.	Oil and grease	<1.0 ml	Fecal Coliform (MPN/100ml)	350.0																
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4.	<p>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.</p>	<p>Agreed and Zero discharge condition is maintained by treating the effluent up to prescribed standards. Treated/Recovered Water being reused in Utility Cooling tower and boiler etc.</p>																																																			
5.	<p>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 &amp; domestic purposes and data shall be submitted online through monthly patrak/statements. The industry/unit shall also monitor the treated waste-water flow and report the</p>	<p>Electromagnetic flow meters are available for recording of water consumption .Refer attached report and photographs as per attached Annexures Annexure-12 C (Water Consumption Report) Annexure-12D (Photographs of Electromagnetic Flow Meter)</p>																																																			

	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.	Agreed
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.	Efficiently operational ZLD Facility is Well maintained in good working order to achieve applicable compliance
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.
<b>Compliance of Monitoring Data :</b>		
	i. Samples and measurement taken to meet the monitoring requirements specified above shall be representative of the volume and nature of monitored discharge.	Agreed and comply.
9.	ii. Following promulgation of guidelines establishing test procedure 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 confirm to the latest edition of the Indian Standard specification 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.	Agreed and complying. Analysis is being carried out as per approved standard methods.
	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.	Complying, being sent in hard copy on monthly basis.
<b>Recording of Monitoring activities &amp; result:-</b>		
10.	i. The applicant shall make and maintain online records of all information resulting from monitoring activities by this Consent.	Online records being maintained and monitored.
	ii. The applicant shall record for each measurement of	Complying

	samples taken pursuant to the requirements of the Consent as follows:	
	a) The date, exact place and time of sampling.	Being complied, as per standard format/SOP.
	b) The dates on which analysis were performed	Being complied.
	c) Who performed the analysis ?	Analysis being carried out by qualified and experienced analyst and recorded.
	d) The analytical techniques or method used and	Standard analytical procedures being followed for analysis.
	e) The result of all required analysis.	Being maintained in separate register as per SOP.
	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 report which may be prescribed by the Board. Such increased frequency shall be indicated on the Discharge Monitoring Report Form.	This condition is not applicable as we have a Zero liquid discharge facility.
	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.	Agreed, We are maintaining records.
	<b>Reporting of Monitoring Results:-</b>	
11.	Monitoring Information required by this Consent shall be summarized and reported by submitting a Discharge Monitoring report on line to the Board.	Monitoring report is being sent on the Monthly basis to pollution control board.
	<b>Limitation of discharge of oil Hazardous Substance in harmful quantities:-</b>	
12.	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 thing in water course as we have Zero liquid discharge facility.
	<b>Limitation of visible floating solids and foam:</b>	
13.	During the period beginning date of Issuance the applicant shall not discharge floating solids or visible foam.	We are not discharging floating solids or foam.
14.	<b>Disposal of Collected Solid waste sludge-</b>	



	All hazardous waste/sludge shall be disposed of as per the Authorization issued under H & other W 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.	Hazardous Waste/Sludge and solids as generated are collected / stored in Hazardous waste storage room and disposed off in safe and Eco-friendly way as per the authorization obtained from the board.
15.	<b>Provision for Electric Power Failure-</b> 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.	Agreed. We already have DG Sets as alternative power supply source.
16.	<b>Prohibition of By pass of technical facilities :</b> 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.	Agreed Agreed Agreed
17	Industry shall submit the information online through XGN in reference to compliance of consent conditions.	Agreed and being submitted timely
	<b>Additional Water Conditions:-</b>	
1.	The industry shall maintain flow meters at raw water consumption ,RO feed ,RO permeate, Ro reject ,MEE feed, MEE condensate, water recycling plant etc. and report the same to the board	Agreed and complied
2.	The Industries shall install advance process technologies for reduction of effluent and waste generation from the unit	Agreed
3.	The industries shall continue to re-utilize the MEE condensate completely in process/utility.	Agreed and complied

4.	Treatment of other effluent such as plant washing ,leakage ,boiler blow down, softener regeneration ,DM plant regeneration plate heat exchangers, cleaning etc in the ETP and use for process /utilities .	Zero liquid Discharge condition being maintained at site by treating the whole effluent quantity in ETP, followed by RO, MEE and ATFD. .
5.	The Industry shall make all possible protection arrangement for control of pollution in nearby nallah/water resources from the industry .	Agreed and complied

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

Comprehensive air pollution control system consisting of control equipment's are provided and maintained continuously so as to achieve the level of pollutants to the prescribed emission norms.

Analysis Report Attached as Annexures:-

- ANNEXURE-3E (DG stack 650 KVA ( No01) by AZIS Labs )
- ANNEXURE-3F (DG stack 650 KVA ( No 02) KVA by AZIS Labs )
- ANNEXURE-3B ( Boiler stack 3 MT by AZIS Labs )
- ANNEXURE-3A ( Boiler stack 5 MT by AZIS Labs)
- ANNEXURE-3C (Fluid heater 10 Lac KiloCalorie/Hr by AZIS Labs)

Name of Section	Capacity	Stack Height (mtr)	Fuel	Consp- unit	Control equipment to be installed	PM, SO <sub>2</sub> , NO <sub>x</sub>
Boiler	3T/hr.	30	Natural Gas	200S CM/ Hr	Dumper, Natural Draft	---
D.G Sets	650KV A& 600 KVA	11	Diesel	180 lit/hr	Acoustic Enclosure	As per MoEF &CC & CPCP notification
D.G Sets	125KV A	12	Diesel	90 lit/hr	Acoustic Enclosure	As per MoEF &CC & CPCP notification
D.G Sets	1010 KVA	11	Diesel	90 lit/hr	Acoustic Enclosure	As per MoEF &CC & CPCP notification
Fuel Heater	10 Lakh K.cal/hr	30	Natural Gas	200S CM/ Hr	Dumper, Natural Draft	---
Fuel Heater	10 Lakh K.cal/hr	30	Coal	200S CM/ Hr	Bag filter	P.M.-150
Boiler	5 T/hr.	30	Coal	800 Kg/H	Bag Filter, Dumper,	P.M.-150

					r	Multi Cyclone	
	Note- Project proponent shall inform to the Board for any addition or removal of source of air/water pollution and control equipment.						
2.	<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 µg/m<sup>3</sup> (PM10 µg/m<sup>3</sup> 24 hrs. basis)</p> <p>b. Particulate Matter (less than 2.5 micron) - 60 µg/m<sup>3</sup> (PM2.5 µg/m<sup>3</sup> 24 hrs. basis)</p> <p>c. Sulphur Dioxide [SO<sub>2</sub>] (24 hrs. Basis) - 80 µg/m<sup>3</sup></p> <p>d. Nitrogen Oxides [NO<sub>x</sub>] (24 hrs. Basis) - 80 µg/m<sup>3</sup></p> <p>e. Carbon Monoxide [CO] (8 hrs. Basis) - 2000 µg/m<sup>3</sup></p>						<p>Ambient air quality is being monitored and report is being submitted to board on monthly basis and carried out by third party on quarterly basis which is consistently well with in the limit.</p> <p>In house, MPPCB &amp; Third party Analysis Reports Attached.</p> <p>ANNEXURE-01 A (Ambient air report by AZIS Labs )</p> <p>ANNEXURE-01B ( Ambient air report In house )</p>
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.						<p>Agreed , Analysis Report attached , results are with in a desired limit.</p> <p>ANNEXURE-9 ( Ambient Noise monitoring report by AZIS Labs)</p>
4.	Industry shall maintain each stack port hole with safe platform of 1 meter width support and spiral ladder/stepped ladder with hand rail up to monitoring platform as per specifications given in part III emission regulation of CPCB						<p>Agreed,each stack port hole with safe platform of 1 meter width support and spiral ladder/stepped ladder with hand rail up to monitoring platform Available .</p>
5.	The industry/unit shall make the necessary arrangements for control of the fugitive emission from any source of emission/section/activities						<p>Agreed and being followed.</p>
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.						<p>In order to control fugitive emissions materials / chemicals are handled in closed system.</p>
7.	The industry shall ensure necessary arrangement for control of odour nuisance from the industrial activities or process within premises						<p>Agreed</p>
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.						<p>Noted &amp; followed</p>



9.	Industry 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	Agreed and complied as per Photograph attached. <b>Annexure-11 ( Green Belt Area)</b>
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**Compliance of Water Consent Condition Vide No - CTO AW- 55119 Dated 29/01/2022 Validity 31/01/2023**

Sl.No	Consent Condition	Compliance Status		
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.	Agreed and shall be complied. Non Hazardous waste generated has being disposed off scientifically to authorized scrap vendors. So as not to cause any nuisance/ pollution.		
	Non Hazardous Solid wastes:-			
	Type of Waste		Quantity In MT	Disposal
	Wood, gunny bags, scrap/plastic packing, card board		70.0 MT	As per CPCB , MoEF & CC Guidelines.
	Fly Ash		100.0 MT	
Bottom Ash from Boiler	1500.0 MT			
2.	The applicant shall allow the staff of Madhya Pradesh Pollution Control Board and/or their authorized representative, upon the representation of credentials:	Agreed and being complied		
	a. To inspect raw material stock, manufacturing processes, reactors, premises etc to perform the functions of the Board.	Agreed and being complied		
	b. To enter upon the applicants 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.	Agreed and being complied		
	c. To have access at reasonable times to any records required to be kept under the terms and conditions of this Consent.	Agreed and being complied		
	d. To inspect at reasonable times any monitoring equipment or monitoring method required in this Consent: or,	Agreed and being complied		
	e. To sample at reasonable times any discharge or pollutants.	Agreed and being complied		
3.	This consent is transferable, in case of change of ownership/ management and addresses of new Owner/ partner/ Directors/proprietor should immediately apply for the same.	Agreed and shall be complied		
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.	Agreed and shall be complied		
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	Agreed and shall be complied Refer Annexures- ANNEXURE -7 A (Electric power consumption) ANNEXURE -7 B (Photograph of Electric Meter)		

	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 act,1981 and does not relate to any other department /agencies ,license required from other department/agencies have to be obtained by unit separately and have to comply separately as per there Act/rules .	Agreed
7.	Balance consent fee, if any shall be recoverable by the Board even at a later date	Agreed and shall be complied
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/authorization.	Agreed and shall be complied
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.	Agreed and shall be complied
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	Agreed and shall be complied
	a) Violation of any terms and conditions of this Consent.	Agreed and shall be complied
	b) Obtaining this Consent by misrepresentation of failure to disclose fully all relevant facts.	Agreed and shall be complied
	c) A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.	Agreed and shall be complied
11.	On violation of any mentioned condition the consent granted will automatically be taken as canceled and necessary action will be initiated against the industry	Agreed
<b>Additional Conditions:-</b>		
1	The industry shall comply with the updated norms/directions/acts/rules/guidelines issued by the Hon'ble Courts/Tribunals/MoEFCC /MPPCB time to time.	Agreed
2	The industry shall ensure the arrangements for disposal of above Non Hazardous solid waste generated from the unit to the authorized vendors only.	Agreed
3	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.	Agreed
4.	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.	Agreed and shall be complied

**Compliance of Authorization Condition H-52927 Dated 03/02/2021 Validity 31/12/2025**

Sl. No.	Consent Condition	Compliance Status
1.	The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.	Agreed and shall complied
2.	The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.	Agreed and shall complied
3.	The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation	Agreed and shall complied
4.	Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.	Agreed
5.	The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;	Agreed and shall complied
6.	The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"	Agreed and shall complied
7.	It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility	Agreed
8.	The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its cleanup operation.	Noted/We are not importing any hazardous waste.



9.	The record of consumption and fate of the imported hazardous and other wastes shall be maintained .	Noted/Not applicable
10.	The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation	All wastes being treated and disposed of as per specific conditions of authorization.
11.	The importer or exporter shall bear the cost of import or export and mitigation of damages if any.	Agreed and shall complied
12.	An application for the renewal of an authorization shall be made as laid down under these Rules.	Agreed and shall complied
13.	Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.	Agreed and shall complied
14.	Annual return shall be filed by June 30th for the period ensuring 31st March of the year.	Being followed ,Last report submitted on dated 22/04/2022
	<b>B. Specific Conditions.</b>	
1.	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 waste water, air emission and hazardous wastes.	Being followed, Notice board displayed at outside of factory gate and regular hazardous waste generated details being maintained as per MoEF&CC Guideline
2.	The Industry shall maintain the records of hazardous wastes as per the Form-3 of rule 6(5) and should online submit the annual return in Form No.4 as per the rule 6(5) to this office on or before 30th day of June of every year for the preceding period April to March.	Being followed
3.	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 tax/telephone/emailit_mppcb@rediffmail.com about the incident and detail report should be sent in Form No. 10 as per rule -22 of	Agreed and shall complied

	Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.	
4.	<p><b>Packing, Labeling &amp; Transportation of Hazardous wastes:-</b></p> <p>(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 &amp; conditions issues from time to time.</p> <p>(ii) The labeling and packaging shall be easily visible and be able to withstand physical conditions and climate factors.</p> <p>(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.</p> <p>(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.</p> <p>(v) The occupier shall provide the transporter with seven copies of the manifest as per the colour codes as per rule 19(1).</p> <p>(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.</p> <p>(vii) No transporter shall accept hazardous wastes from an occupier for transport unless copies 3 to 7 of the manifest accompany it.</p> <p>(viii) The transporter shall submit copies 3 to 7 of the manifest duly signed with date to the operator of the facility along with the waste consignment.</p> <p>(ix) 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.</p>	Agreed and shall complied
5.	The occupiers of facilities may store the hazardous and other wastes for a period not exceeding ninety days and shall maintain a record of sale, transfer, storage, recycling, recovery, pre-processing, co-processing and utilisation of such wastes and make these records available for inspection.	Agreed and shall complied

6.	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	Agreed and shall complied							
7	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.	Agreed and shall complied							
8	The information regarding quantity of hazardous wastes generated and its analysis report should be sent to the Board online quarterly	Agreed and shall complied							
9.	Hazardous Waste Storage Site & Danger signboard shall be provided with all fire safety & emergency safety devices at the storage site	Agreed and shall complied							
10.	The authorized person should inform the name and address of the contact person responsible for hazardous waste management	Agreed and shall complied							
11.	The industry shall make arrangements for store of hazardous waste/non hazardous solid waste in cover shed with pucca floor area	Agreed and shall complied							
	<b>GENERAL CONDITIONS:</b>								
1.	<p>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</p> <table border="1"> <tr> <td>Wood, gunny bags, scrap/plastic packing, card board</td><td>70 MT</td><td rowspan="3">Sale to authorized party/A MoEF&amp;CC guidelines</td></tr> <tr> <td>Fly Ash</td><td>100 MT</td></tr> <tr> <td>Bottom Ash from Boiler</td><td>1500 MT</td></tr> </table>	Wood, gunny bags, scrap/plastic packing, card board	70 MT	Sale to authorized party/A MoEF&CC guidelines	Fly Ash	100 MT	Bottom Ash from Boiler	1500 MT	Agreed and shall complied
Wood, gunny bags, scrap/plastic packing, card board	70 MT	Sale to authorized party/A MoEF&CC guidelines							
Fly Ash	100 MT								
Bottom Ash from Boiler	1500 MT								

2.	<p>The applicant shall allow the staff of Madhya Pradesh Pollution Control Board and/or their authorized representative, upon the representation of credentials:</p> <p>a. To inspect raw material stock, manufacturing processes, reactors, premises etc to perform the functions of the Board.</p> <p>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.</p> <p>c. To have access at reasonable times to any records required to be kept under the terms and conditions of this Consent.</p> <p>d. To inspect at reasonable times any monitoring equipment or monitoring method required in this Consent: or,</p> <p>e. To sample at reasonable times any discharge or pollutants.</p>	Agreed and shall complied
3	<p>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.</p>	Agreed and shall complied
4	<p>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</p>	Agreed and shall complied
5	<p>Industry shall ensure 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.</p>	Agreed and shall complied
6	<p>This consent is granted in respect of 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.</p>	Agreed and shall complied
7	<p>Balance consent/authorization fee, if any shall be recoverable by the Board even at a later date.</p>	Agreed and shall complied



8.	The applicant shall submit such information, forms and fees as required by the board not later than 180 days prior to the date of expiration of this consent/authorization	Agreed and shall comply
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.	Agreed and shall comply
10.	<p>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:-</p> <p>(a) Violation of any terms and conditions of this Consent.  (b) Obtaining this Consent by misrepresentation or 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.</p>	Agreed and shall comply
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.	Agreed and shall comply
	<b>Additional Conditions:</b>	
1.	The industry shall ensure the arrangements for disposal of Non Hazardous solid waste generated from the unit to the authorized vendors only	Agreed and shall comply
2.	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	Agreed and shall comply
3.	The industry shall strictly comply with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016	Agreed and shall comply

4.	The Project Proponent shall ensure disposal of hazardous waste through Pre-Processing as per SOPs/ guidelines of CPCB and MoEF&CC.	Agreed and shall complied
5.	The Project Proponent shall submit NOC for pre-processing from Rajasthan State Pollution Control Board and other state PCB if waste has to be transported through other state within 7 days of receipt of this consent letter.	Agreed and shall complied
6.	The Project Proponent shall intimate the Madhya Pradesh Pollution Control Board before sending hazardous waste for pre-processing.	Agreed and shall complied



# AzisLabs

► Works: Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India  
 ► City Office: 3/28, Vijay Nagar, Opp. Sayaji Hotel, Indore (M.P.) India, Tel. No.: 0731-4068173  
 ► Lab Contact No.: 98898 89316, 98270 08818, 7089333892  
 ► Email: info@azislabs.com, j.dingwank@azislabs.com, Visit: www.azislabs.in

RECOGNIZED BY MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE (MoEFCC), NEW DELHI  
 ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

Format No. AL/FM/51-03

## Test Report

Page 1 of 1

Report No.		EN-20220324020					
Report Issue Date		07/04/2022					
1. Report issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India							
2. Report issued to (Name & Address)		Name of the manufacturer					
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India		NA					
3. Sample forwarding letter no. & date		4. Sample received Date					
NA		24/03/2022					
5. Date & Time of Sampling		23/03/2022, 12:50 AM (Day ) & 10:20PM (Night)					
6. Sample Name		7. Sample Condition					
Noise Level Monitoring		Good					
8. Packing		9. Sealed/Unsealed					
NA		NA					
10. Sampling done by		11. Sampling Method					
Azis labs		NA					
12. Details of sample as obtained from manufacturer							
A. Original Manufacturer Name (in case of Product)	B. Batch No.	C. Batch Size as represented by the sample	D. Date of Mfg.				
NA	NA	NA	NA				
E. Date of Exp.		23/03/2022(measurement end date)					
13. Analysis Start Date		23/03/2022 (measurement Start date)					
15. Chemical & Physical Parameters							
Sr. No.	Sampling Location	Unit	Result		Specification		Test Method
			Day	Night	Day	Night	
1.	Main gate	dB	69.8	58.9	Max.75	Max.70	IS:9989:1981
2.	Near DG Set	dB	59.3	52.3	Max.75	Max.70	IS:9989:1981
3.	ETP Area	dB	58.7	49.4	Max.75	Max.70	IS:9989:1981
Note: 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.							
Note:							
1. The legal liabilities limited up to the analytical charges only.							
2. The results are related only to the sample tested.							
3. This reports shall not be reproduced without the written approval of Azis Labs.							
4. Specification as per MoEF & CC/CPCB/MPPCB							
5. MOEF Recognized environment Laboratory valid up to 28/02/2023 (Q. 15018/02/2019)							
6. NABL Accredited Lab (ISO /IEC 17025 :2017) Valid until 05/06/2023							

Authorized Signatory

► 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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► Works: Plot No. M-43, Sector-3, Pithampur 454774, 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.: 98898 89318, 98270 08819, 7089333892  
 ► Email: info@azislabs.com, j.dingwani@azislabs.com, Visit: www.azislabs.in

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 ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

## Test Report

Page 1 of 2

Format No. AL/FM/51-03

Report No.		EN-20211225021					
Report Issue Date		13/01/2022					
1. Report issued by: Azis Labs, Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India							
2. Report issued to (Name & Address)		Name of the manufacturer					
IPCA Laboratories Limited Industrial Estate, Polo ground Indore (M.P.) - 452015, India		NA					
3. Sample forwarding letter no. & date		4. Sample received Date					
24/12/2021		25/12/2021					
5. Date & Time of Sampling		6. Sample Name					
24/12/2021, 11:50 AM (Day) & 10:10 PM (Night)		Noise Level Monitoring					
7. Sample Condition		8. Packing					
Good		NA					
9. Sealed/Unsealed		10. Sampling done by					
NA		Azis labs					
11. Sampling Method							
NA							
12. Details of sample as obtained from manufacturer							
A. Original Manufacturer Name (in case of Product)	B. Batch No.	C. Batch Size as represented by the sample	D. Date of Mfg.				
NA	NA	NA	NA				
E. Date of Exp.		13. Analysis Start Date					
NA		24/12/2021 (measurement Start date)					
14. Analysis End Date		24/12/2021 (measurement end date)					
NA		NA					
15. Chemical & Physical Parameters							
Sr. No.	Sampling Location	Unit	Results		Specification		Test Method
			Day	Night	Day	Night	
1.	Main gate	dB	67.9	62.8	Max.75	Max.70	IS:9989-1981
2.	Near DG Set	dB	69.9	64.4	Max.75	Max.70	IS:9989-1981
3.	ETP Area	dB	68.4	63.9	Max.75	Max.70	IS:9989-1981
4.	Finish Room	dB	63.3	59.8	Max.75	Max.70	IS:9989-1981
5.	Particle size room	dB	59.5	54.6	Max.75	Max.70	IS:9989-1981
6.	GC Room	dB	58.2	52.7	Max.75	Max.70	IS:9989-1981

Authorized Signatory

► 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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## Test Report

Format No. AL/FM/51-03

Page 2 of 2

7.	In process Room	dB	60.4	55.1	Max.75	Max.70	IS:9989-1981
8.	HPLC Room	dB	55.6	50.3	Max.75	Max.70	IS:9989-1981
9.	QC Office Area	dB	54.3	49.9	Max.75	Max.70	IS:9989-1981
10.	QC Printer Area	dB	56.1	51.2	Max.75	Max.70	IS:9989-1981

Note: 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.

### Note:

1. The legal liabilities limited up to the analytical charges only.
2. The results are related only to the sample tested.
3. This reports shall not be reproduced without the written approval of Azis Labs.
4. Specification as per MoEF & CC/CPCB/MPPCB
5. MOEF Recognized environment Laboratory valid up to 28/02/2023 (Q: 15018/02/2019)
6. NABL Accredited Lab (ISO/IEC 17025:2017) Valid Till The renewal of Accreditation.

Authorized Signatory

- 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



o/c  
Date : 23/07/2015

To,

1. The Zila Parishad, Indore (M.P.)
- ✓ 2. The Collector, Indore (M.P.)
3. The Municipal Corporation, Indore (M.P.)
4. The District Industries Center, Dist. Indore (M.P.)

Sub :- Environment Clearance received from MOEF.

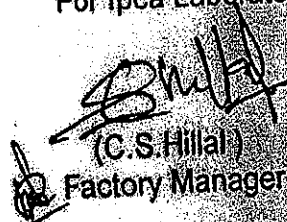
Ref. :- Our EC No. J-11011/352/2011 IA II (I) dated 15/07/2015

This is to inform you that we have got an Environment Clearance from the MoEF (Ministry of environment and Forest) as on 15/07/2015 for change in synthetic drug API product & R&D product and increase in production capacity.

Copy of the EC is enclosed herewith for your kind information and records.

Thanking you,

Yours faithfully,  
For Ipca Laboratories Ltd.,

  
(C.S. Hillal)  
Factory Manager & Unit Head

Encl. : As above

Copy to : The Regional Officer  
M. P. Pollution Control Board,  
Indore (M.P.)

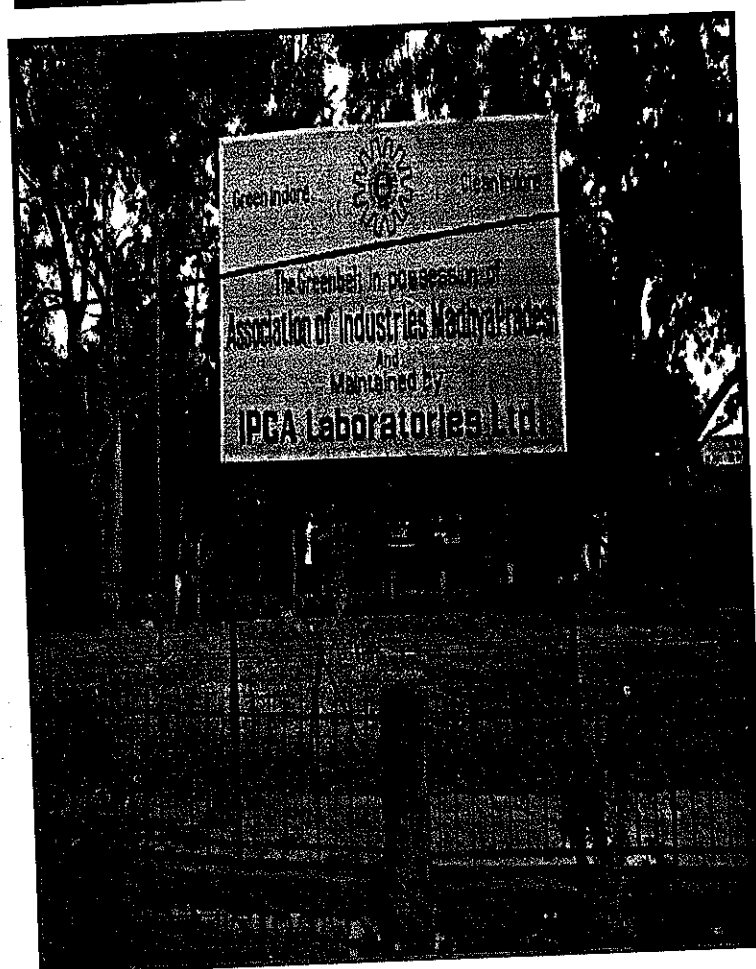
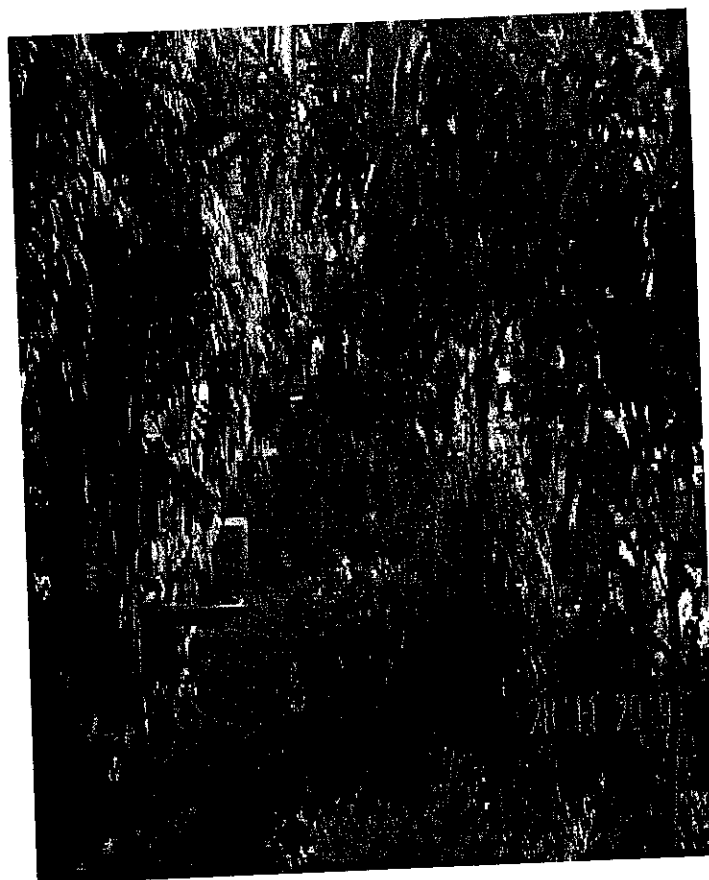
The Regional Officer  
MoEF, Bhopal (M.P.)

Ipca Laboratories Ltd.

www.ipca.com

8  
24-7-15  
Industrial Estate, Pologround, Indore 452 003, India | T: +91 731 2421163 / 2421172 / 2422081 F: +91 731 2422082  
E: +91 731 2422082

## Green Belt



## Annexure-12A

**Monthwise Avg Trade Effluent generation record for  
December 2021 to May 2022**

<b>MONTH</b>	<b>ETP (KL)</b>	<b>MEE (KL)</b>	<b>Total</b>
Dec, 2021	55.6	2.6	58.2
Jan, 2022	61.4	2.3	63.7
Feb, 2022	68.3	7.9	76.2
Mar, 2022	65.1	17.4	82.5
April, 2022	58.3	23.5	81.8
May, 2022	64.3	20.9	85.2
<b>Avg</b>	<b>62.2</b>	<b>12.4</b>	<b>74.6</b>

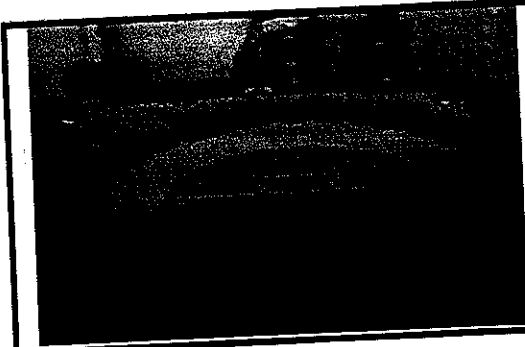


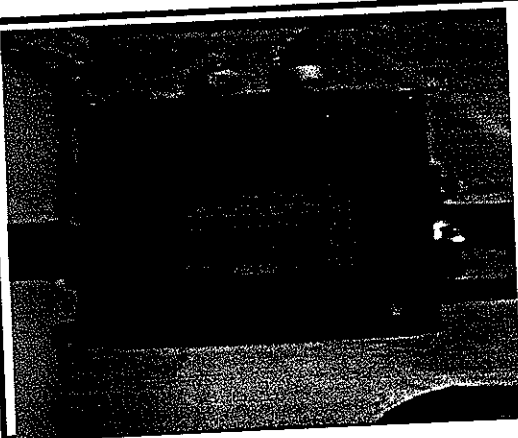


Month wise Avg STP Effluent generation record for April 2021 to March 2022	
MONTH	STP ( KL)
Dec,2021	10.2
Jan,2022	7.4
Feb,2022	8.2
Mar,2022	8.0
April,2022	13.7
May,2022	11.5
Avg	9.8

### Month wise water consumption record for December 2021 to May 2022

MONTH	Industrial Cooling / Boiler Feed in KL	Domestic Purpose in KL	Process in KL		Total consumption in KL	Per day water consumption in KL
			Bio degradable	Non degradable		
Dec,2021	1518	320	821	128	2787.0	89.9
Jan,2022	2053	372	1229	144	3798.0	122.5
Feb,2022	2650	336	1680	224	4890.0	174.6
Mar,2022	2842	310	1369	279	4800.0	154.8
April,2021	2970	420	1430	300	5124.0	165.3
May,2021	3068	400	1234	289	4991.0	161.0
<b>Total</b>	<b>15101</b>	<b>2158</b>	<b>7763</b>	<b>1364</b>	<b>26390</b>	<b>868.2</b>
Avg KI/Day	2516.8	359.7	1293.8	227.3	4398.3	144.7

**Electromagnetic flow meters for recording of  
water consumption**

	Domestic
	Process (Biodegradable)
	Process (Non-Biodegradable)
	Industrial cooling & Boiler Feed

**Annexure-13A**

<b>Month Wise Electric Power Consumption Record for December 2021 to June 2021</b>	
<b>Month</b>	<b>Power consumption (Air pollution control Equipments ) In KWH</b>
Dec,2021	11764.0
Jan,2022	14690.0
Feb.2022	13742.0
Mar.2022	12598.0
April,2022	13872.0
May,2022	14608.0
<b>Total</b>	<b>81274.0</b>
<b>Avg</b>	<b>13545.7</b>



**Annexure-13B**

