

**LAXMI ORGANIC INDUSTRIES LTD**

Chandermukhi, Third Floor, Nariman Point, Mumbai 400021, India  
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LOIL/MHD/05  
Date- 15.04.2024

To,  
The Additional Director(S)  
Regional Office, Western Region,  
Kendriya Paryavaran bhavan, Link  
Road No.-3, Ravi Shankar Nagar,  
Bhopal, M.P. 462016

**Sub: - Submission of Compliance to conditions of Environmental Clearance  
for our unit Laxmi Organic Industries Ltd Plot No A-22/2/3 MIDC, Mahad,  
Dist- Raigad, Maharashtra.**

**Ref: - Environment Clearance No. – SEAC – 2015/CR-220/TC-2 Dated 19<sup>th</sup> October  
2016.**

Dear Sir,

With reference to above Environmental Clearance, we are sending herewith the compliance report along with various other required information with respect to our Unit. The details given are for the period **Oct-2023 to Apr-2024**.

This is for your kind information and records.

Thanking You,

Yours faithfully,

For **Laxmi Organic Industries Ltd.**

**Authorized Signature**

**Encl: As attached**

**C.C. - SRO MPCB office, Mahad.**

# Environmental Clearance Conditions: Compliance Report From Oct- 2023 to Mar- 2024

April 15

# 2024

Submitted by-

**M/S. Laxmi Organic Industries Limited**

Unit- I. Plot No A-22/2/3, MIDC ,

**Mahad Dist. Raigad-402309 Maharashtra State**

Compliance Report for the condition in the Environment Clearance:

| Sr. No | Conditions  |   | Compliances  |
|--------|---|---|--|
| 1      | Name of the Project   | M/S LAXMI Organic Industries Limited At.A-22/2/3, MIDC Mahad District Raigad- 402309 Maharashtra  | Noted.<br>No change.   |
| 2      | Project Proponent   | Name: Mr. A.K. Dudhane Executive director & COO<br>Address : LAXMI ORGANIC INDUSTRIES LTD Chandermukhi, 3rd Floor, Nariman Point, Mumbai 400021, India<br>T +91-22-49104444 F +91-22-22853752<br>www.laxmi.com<br>Email id : dudhane@laxmiorganic.co.in | Noted and complied with.                                       |
| 3      | Name of the Consultant  | M/s. ULTRA – TECH Environment consultancy ( Lab .MOEF Gazzeted)   | Noted  |
| 4      | Accreditation of consultant (NABET Accreditation)   | NABET Accreditation cert. No NABET/EIA /1417/RA010  | Noted  |
| 5      | New project /Expansion in existing project /modernization, diversification in existing project                            | Expansion   | EC and consent to operate obtained expansion in existing plant |
| 6      | if expansion /diversification, ether EC has been obtained for existing project ( Enclose the copy with compliance table ) | No  | Noted and complied with.<br>Last compliance sent on Nov-2023.  |
| 7      | Activity schedule in the EIA Notification   | 5 (f) -synthetic organic<br>1(d) Captive power plant  | Noted.<br>No change  |

| Sr. No | Conditions   |   | Compliances   |                          |          |   |     |     |   |             |     |   |      |      |   |
|--------|--|---|---|--------------------------|----------|---|-----|-----|---|-------------|-----|---|------|------|---|
| 8      | Area Details   | Total Plot Area (Sq.m): 33446 Sq.mts<br>Built Up area (Sq.m) 23651 Sq.mt  | Noted.<br>No change.  |                          |          |   |     |     |   |             |     |   |      |      |   |
| 9      | Name of the Notified industrial area /MIDC   | Mahad MIDC Area   | --  |                          |          |   |     |     |   |             |     |   |      |      |   |
| 10     | TOR given by SEAC ( If yes specify meeting )   | TOR received on 98 <sup>th</sup> SEAC-I Meeting date 27 <sup>th</sup> April 2015  | Noted. This is previous phase before EC, hence already incorporated in this EC. |                          |          |   |     |     |   |             |     |   |      |      |   |
| 11     | Estimated capital cost of the project (including cost for land ,building & Machinery separately        | Total (Existing + Proposed ) Rs.123.03 Crores   | Noted and complied with.  |                          |          |   |     |     |   |             |     |   |      |      |   |
| 12     | Location details of the project  | Latitude : App. 18 deg 6'2.93 deg N<br>Longitude App. 73 deg 29 '4.98 "E<br>Location : Mahad ,Raigad , Maharashtra<br>Elevation Above Mean sea level (Mts) : 61Ft   | Noted, No change.   |                          |          |   |     |     |   |             |     |   |      |      |   |
| 13     | Distance from protected Area /critically polluted areas / Eco-sensitive areas / inter state boundaries | Village Matwan-3.8 Km away from project Site.   | Noted, No change.   |                          |          |   |     |     |   |             |     |   |      |      |   |
| 14     | Raw materials (Including process chemicals catalysts and additives)                                    | <div>Total (After Expansion)</div> <table><tr><td>Sr. No</td><td>Name of the raw material</td><td>Qty(TPD)</td></tr><tr><td>1</td><td>SDS</td><td>388</td></tr><tr><td>2</td><td>Acetic acid</td><td>350</td></tr><tr><td>3</td><td>PTSA</td><td>0.15</td></tr></table> | Sr. No  | Name of the raw material | Qty(TPD) | 1 | SDS | 388 | 2 | Acetic acid | 350 | 3 | PTSA | 0.15 | Complied with. All the Raw Material quantities are well within the prescribed limits. |
| Sr. No | Name of the raw material   | Qty(TPD)  |   |                          |          |   |     |     |   |             |     |   |      |      |   |
| 1      | SDS  | 388   |   |                          |          |   |     |     |   |             |     |   |      |      |   |
| 2      | Acetic acid  | 350   |   |                          |          |   |     |     |   |             |     |   |      |      |   |
| 3      | PTSA   | 0.15  |   |                          |          |   |     |     |   |             |     |   |      |      |   |

| Sr. No | Conditions                            |   |         |                     |       | Compliances  |
|--------|---------------------------------------|---|---------|---------------------|-------|--|
| 15     | Production Details                    | Name of the Product   | Present | Additional Proposed | Total | Complied with.<br>All the production quantities are within the EC limits.<br><br>Details of Production from Oct-2023 to Mar-2024 enclosed as <b>Annexure-I</b>                         |
|        |                                       | Ethyl acetate(TPM)  | 7850    | 7150                | 15000 |  |
|        |                                       | Butyl Acetate/Isobutyl acetate(TPM)   | 200     | 200                 | 400   |  |
|        |                                       | Absolute alcohol(KLPD)  | 500     | 2000                | 2500  |  |
|        |                                       | Propyl acetate/Isopropyl acetate/Esters(TPM)  | 0       | 300                 | 300   |  |
|        |                                       | Acetic acid(TPD)  | 200     | 0                   | 200   |  |
|        |                                       | Acetaldehyde Derivatives(Paraldehyde)   | 15      | 0                   | 15    |  |
|        |                                       | Dilute Acetic Acid  | 100     | 0                   | 100   |  |
|        |                                       | Electric Power (CPP)(MW)  | 4.8     | 2.7                 | 7.5   |  |
| 16     | Process details/Manufacturing details | This industry desirous to expand the existing industrial unit producing Ethyl acetate, Butyl acetate, Absolute alcohol, Acetic Acid, and Captive power plant (CPP) and proposed production of Propyl acetate/Isopropyl acetate.<br>Ethyl acetate is manufacturing in a continuous process by the reaction of Specially Denatured Sprit (i.e. Denatured ethanol) and acetic acid water which is generated in the reaction or used for washing and unconverted raw materials are removed by decontamination and distillations. The product is further purified in the production purification column and stored in storage tanks. |         |                     |       | Noted.<br>There is no change in Manufacturing Process  |
| 17     | Rainwater Harvesting                  | Level of ground water table:-<br>Size and no of RWH tanks and Quantity: 2 tanks *10m3(each)<br>Location of the RWH tanks: Near ETP<br>Size, Nos of recharge pits and Quantity:<br>Budgetary allocation (Capital cost and O&M Cost): Rs 5Lacs(apital) and Rs 50,000/- per annum  |         |                     |       | Complied with.   |
| 18     | Total water requirement               | Total water requirement:<br>Fresh water (CMD): 2227 m3/d<br>Source MIDC (Local)<br>Recycle water(CMD)209 m3/d<br>Use of water<br>Cooling:2000m3/d<br>Processing:217 m3/d<br>Domestic:54 m3/d<br>Total (freshwater): 2274m3/d  |         |                     |       | Noted and complied with<br><br>Source of water is from MIDC and at present average consumption of Water is <b>1516 M3/D</b> for Oct-2023 to Mar-2024 is enclosed as <b>Annexure-II</b> |

| Sr. No | Conditions                        |  |                       |           |              | Compliances           |   |   |    |     |         |    |   |     |     |         |      |   |     |     |         |      |   |      |     |        |      |   |             |   |       |      |   |                    |     |     |      |   |  |  |  |  |
|--------|-----------------------------------|--|-----------------------|-----------|--------------|-----------------------|---|---|----|-----|---------|----|---|-----|-----|---------|------|---|-----|-----|---------|------|---|------|-----|--------|------|---|-------------|---|-------|------|---|--------------------|-----|-----|------|---|--|--|--|--|
| 19     | Strom water drainage              | Natural water drainage pattern: No disturbance<br>Quantity of storm water 800 M3/Hr(Max)<br>Size of SWD: 500mm * 1mtr<br>Existing plot No new storm water drain  |                       |           |              |                       | Complied with.<br>No disturbance to Natural water drain pattern.  |   |    |     |         |    |   |     |     |         |      |   |     |     |         |      |   |      |     |        |      |   |             |   |       |      |   |                    |     |     |      |   |  |  |  |  |
| 20     | Sewage generation d treatment     | Amount of sewage generation(CMD) 40M3/D<br>Proposed treatment for the sewage: Up to tertiary treatment and further pass to CETP<br>Capacity of the STP (CMD): Nil<br>Soak pit and septic tank is already provided  |                       |           |              |                       | Noted and complied with.<br><br>At present generated sewage is pumped to PST/ Aeration tank after primary /Secondary treatment we are disposing to CETP.  |   |    |     |         |    |   |     |     |         |      |   |     |     |         |      |   |      |     |        |      |   |             |   |       |      |   |                    |     |     |      |   |  |  |  |  |
| 21     | Effluent Characteristi cs         | <table><tr><th>Sr. No</th><th>Parameter</th><th>Raw Effluent</th><th>Quality (MPCB Limits)</th><th>Units</th></tr><tr><td>1</td><td>PH</td><td>6-7</td><td>5.5-9.0</td><td>--</td></tr><tr><td>2</td><td>BOD</td><td>300</td><td>Max.100</td><td>Mg/L</td></tr><tr><td>3</td><td>COD</td><td>500</td><td>Max 250</td><td>Mg/L</td></tr><tr><td>4</td><td>T.SS</td><td>100</td><td>Max100</td><td>Mg/L</td></tr><tr><td>5</td><td>Oil&amp; grease</td><td>5</td><td>Max10</td><td>Mg/L</td></tr><tr><td>6</td><td>Ammonical Nitrogen</td><td>&lt;50</td><td>&lt;50</td><td>Mg/L</td></tr></table> | Sr. No                | Parameter | Raw Effluent | Quality (MPCB Limits) | Units   | 1 | PH | 6-7 | 5.5-9.0 | -- | 2 | BOD | 300 | Max.100 | Mg/L | 3 | COD | 500 | Max 250 | Mg/L | 4 | T.SS | 100 | Max100 | Mg/L | 5 | Oil& grease | 5 | Max10 | Mg/L | 6 | Ammonical Nitrogen | <50 | <50 | Mg/L | Complied with.<br><br>All the samples are analyzed by third party MoEF&CC accredited lab.<br>We are monitoring outlet parameters before disposing to CETP and results are will with in the limit. The Analysis report attached as <b>Annexure-III</b> |  |  |  |  |
| Sr. No | Parameter                         | Raw Effluent   | Quality (MPCB Limits) | Units     |              |                       |   |   |    |     |         |    |   |     |     |         |      |   |     |     |         |      |   |      |     |        |      |   |             |   |       |      |   |                    |     |     |      |   |  |  |  |  |
| 1      | PH                                | 6-7  | 5.5-9.0               | --        |              |                       |   |   |    |     |         |    |   |     |     |         |      |   |     |     |         |      |   |      |     |        |      |   |             |   |       |      |   |                    |     |     |      |   |  |  |  |  |
| 2      | BOD                               | 300  | Max.100               | Mg/L      |              |                       |   |   |    |     |         |    |   |     |     |         |      |   |     |     |         |      |   |      |     |        |      |   |             |   |       |      |   |                    |     |     |      |   |  |  |  |  |
| 3      | COD                               | 500  | Max 250               | Mg/L      |              |                       |   |   |    |     |         |    |   |     |     |         |      |   |     |     |         |      |   |      |     |        |      |   |             |   |       |      |   |                    |     |     |      |   |  |  |  |  |
| 4      | T.SS                              | 100  | Max100                | Mg/L      |              |                       |   |   |    |     |         |    |   |     |     |         |      |   |     |     |         |      |   |      |     |        |      |   |             |   |       |      |   |                    |     |     |      |   |  |  |  |  |
| 5      | Oil& grease                       | 5  | Max10                 | Mg/L      |              |                       |   |   |    |     |         |    |   |     |     |         |      |   |     |     |         |      |   |      |     |        |      |   |             |   |       |      |   |                    |     |     |      |   |  |  |  |  |
| 6      | Ammonical Nitrogen                | <50  | <50                   | Mg/L      |              |                       |   |   |    |     |         |    |   |     |     |         |      |   |     |     |         |      |   |      |     |        |      |   |             |   |       |      |   |                    |     |     |      |   |  |  |  |  |
| 22     | ETP Details                       | Amount of effluent generation (CMD):481 M3/D out of which 273 m3/d shall be treated in ETP<br>Amount of treated effluent recycled (CMD): 208 M3/d(Directly reused )<br>Capacity of the effluent (CMD)300M3<br>Amount of water send to Sewar line (CMD): 273m3/d<br>Membership of CETP (If required : Yes Obtained  |                       |           |              |                       | Complied with.<br><br>Generated waste water treated in ETP and after treatment disposed to CETP.  |   |    |     |         |    |   |     |     |         |      |   |     |     |         |      |   |      |     |        |      |   |             |   |       |      |   |                    |     |     |      |   |  |  |  |  |
| 23     | Note of ETP technology to be used | Existing Effluent treatment Plant: the total wastewater generated is 415 m3/d out of which 136 m3/d is generated from process plant are water of reaction and water from washing. This is directly recycled as make up for process and cooling water Mack up.<br>Balance 279 M3/d is sent to ETP and treated up to secondary treatment meeting all mpcb parameters and then transfer to Common Effluent Treatment plant. For further disposal. The sludge-generated form ETP IS disposed off suitably to authorized disposal site.   |                       |           |              |                       | Complied with.<br><br>We have full fledge Effluent Treatment Plant with capacity of 300 M3/D. Waste water treated in effluent treatment Plant and disposing to CETP. We have permission to dispose 270 M3/ per day and average disposal from Oct- 2023 to Mar 2024 is <b>201 M3/D</b> . |   |    |     |         |    |   |     |     |         |      |   |     |     |         |      |   |      |     |        |      |   |             |   |       |      |   |                    |     |     |      |   |  |  |  |  |

| Sr. No                               | Conditions                                  |   |   |  | Compliances  |               |       |            |                          |             |              |   |              |          |           |                       |                          |            |   |                |
|--------------------------------------|---|---|---|--|--|---------------|-------|------------|--------------------------|-------------|--------------|---|--------------|----------|-----------|-----------------------|--------------------------|------------|---|----------------|
|                                      |   | Proposed Effluent treatment plant: The total wastewater generation will be 481 M3/d out of which 208 m2/d will be generated from process plant as water of reaction and washing. This will be directly recycled as a makeup for process and cooling water make up. Balance 273m3/d will be sent to ETP and treated up to secondary treatment meeting all the MPCB parameters and then it will be transferred to CETP for further disposal the sludge generated form ETP is disposed off suitably to authorize site  |   |  |  |               |       |            |                          |             |              |   |              |          |           |                       |                          |            |   |                |
| 24                                   | Disposal of the ETP sludge (If applicable ) | To be send to CHWTSDF   |   |  | We are member of MWML and generated waste disposed to secured land filling site.<br><br>Month wise disposal details from Oct-2023 to Mar- 2024 is enclosed as <b>Annexure-IV</b> |               |       |            |                          |             |              |   |              |          |           |                       |                          |            |   |                |
| 25                                   | Solid waste Management                      | <div>Non Hazardous solid waste:</div> <table><thead><tr><th>Non-hazardous solid waste generation</th><th>Type of waste</th><th>Total</th><th>Management</th></tr></thead><tbody><tr><td>From Domestic Activities</td><td>Dry garbage</td><td>25.00 Kg/day</td><td>Handed over to the authorized recyclers</td></tr><tr><td rowspan="2">From Process</td><td>Coal Ash</td><td>22 MT/day</td><td>To brick Manufactures</td></tr><tr><td>Plastic Drum/ Containers</td><td>60 Nos/day</td><td>Handed over to the authorized recyclers</td></tr></tbody></table> |   |  | Non-hazardous solid waste generation   | Type of waste | Total | Management | From Domestic Activities | Dry garbage | 25.00 Kg/day | Handed over to the authorized recyclers | From Process | Coal Ash | 22 MT/day | To brick Manufactures | Plastic Drum/ Containers | 60 Nos/day | Handed over to the authorized recyclers | Complied with. |
| Non-hazardous solid waste generation | Type of waste                               | Total   | Management                              |  |  |               |       |            |                          |             |              |   |              |          |           |                       |                          |            |   |                |
| From Domestic Activities             | Dry garbage                                 | 25.00 Kg/day  | Handed over to the authorized recyclers |  |  |               |       |            |                          |             |              |   |              |          |           |                       |                          |            |   |                |
| From Process                         | Coal Ash                                    | 22 MT/day   | To brick Manufactures                   |  |  |               |       |            |                          |             |              |   |              |          |           |                       |                          |            |   |                |
|                                      | Plastic Drum/ Containers                    | 60 Nos/day  | Handed over to the authorized recyclers |  |  |               |       |            |                          |             |              |   |              |          |           |                       |                          |            |   |                |

| Sr. No   | Conditions  |  |  |                                   |   | Compliances |   |                                  |                                       |                                  |                                   |   |                               |  |                 |    |  |           |  |                 |   |      |                     |    |         |     |    |                          |    |     |  |    |       |       |       |  |       |              |    |    |  |    |                 |     |     |  |   |                       |     |     |  |     |                    |     |     |  |     |                           |    |    |  |    |  |                                |                            |                      |                               |  |                    |                    |                    |                    |                                  |                         |                               |                                |                               |  |
|--|---|--|--|-----------------------------------|---|-------------|---|----------------------------------|---------------------------------------|----------------------------------|-----------------------------------|---|-------------------------------|--|-----------------|----|--|-----------|--|-----------------|---|------|---------------------|----|---------|-----|----|--------------------------|----|-----|--|----|-------|-------|-------|--|-------|--------------|----|----|--|----|-----------------|-----|-----|--|---|-----------------------|-----|-----|--|-----|--------------------|-----|-----|--|-----|---------------------------|----|----|--|----|--|--------------------------------|----------------------------|----------------------|-------------------------------|--|--------------------|--------------------|--------------------|--------------------|----------------------------------|-------------------------|-------------------------------|--------------------------------|-------------------------------|--|
|  | <div>Hazardous waste is to be send to CHWTSDF for Disposal</div> <table><tr><th>Sr.No</th><th>Sched<br/>ule I<br/>Categ<br/>ory<br/>No.<br/>Type</th><th>Sched<br/>ule II<br/>Class<br/>Type</th><th>Qty<br/>(MT/M)</th><th>Met<br/>hod<br/>of<br/>Disp<br/>osal</th></tr><tr><td>1</td><td>34.3<br/>Chem<br/>ical<br/>sludg<br/>e<br/>from<br/>waste<br/>water<br/>treat<br/>ment</td><td></td><td>7<br/>(Present)<br/>6<br/>(Proposed<br/>-<br/>Additional<br/>)<br/>13 (Total)</td><td>CH<br/>WTS<br/>DF</td></tr><tr><td>2</td><td>26.1<br/>Cataly<br/>st<br/>from<br/>Proce<br/>ssing</td><td></td><td>3<br/>(Present)<br/>2<br/>(Proposed<br/>)<br/>5 (Total)</td><td>CH<br/>WTS<br/>DF</td></tr></table> |  |  |                                   |   | Sr.No       | Sched<br>ule I<br>Categ<br>ory<br>No.<br>Type | Sched<br>ule II<br>Class<br>Type | Qty<br>(MT/M)                         | Met<br>hod<br>of<br>Disp<br>osal | 1                                 | 34.3<br>Chem<br>ical<br>sludg<br>e<br>from<br>waste<br>water<br>treat<br>ment |                               | 7<br>(Present)<br>6<br>(Proposed<br>-<br>Additional<br>)<br>13 (Total) | CH<br>WTS<br>DF | 2  | 26.1<br>Cataly<br>st<br>from<br>Proce<br>ssing |           | 3<br>(Present)<br>2<br>(Proposed<br>)<br>5 (Total) | CH<br>WTS<br>DF | <div>We are member of MWML Mumbai and Generated Hazardous waste disposed to TSDF.</div> <div>Records and returns of Hazardous Wastes are maintained as per the EC and Consent Conditions.</div> |      |                     |    |         |     |    |                          |    |     |  |    |       |       |       |  |       |              |    |    |  |    |                 |     |     |  |   |                       |     |     |  |     |                    |     |     |  |     |                           |    |    |  |    |  |                                |                            |                      |                               |  |                    |                    |                    |                    |                                  |                         |                               |                                |                               |  |
| Sr.No  | Sched<br>ule I<br>Categ<br>ory<br>No.<br>Type   | Sched<br>ule II<br>Class<br>Type   | Qty<br>(MT/M)  | Met<br>hod<br>of<br>Disp<br>osal  |   |             |   |                                  |                                       |                                  |                                   |   |                               |  |                 |    |  |           |  |                 |   |      |                     |    |         |     |    |                          |    |     |  |    |       |       |       |  |       |              |    |    |  |    |                 |     |     |  |   |                       |     |     |  |     |                    |     |     |  |     |                           |    |    |  |    |  |                                |                            |                      |                               |  |                    |                    |                    |                    |                                  |                         |                               |                                |                               |  |
| 1  | 34.3<br>Chem<br>ical<br>sludg<br>e<br>from<br>waste<br>water<br>treat<br>ment   |  | 7<br>(Present)<br>6<br>(Proposed<br>-<br>Additional<br>)<br>13 (Total) | CH<br>WTS<br>DF                   |   |             |   |                                  |                                       |                                  |                                   |   |                               |  |                 |    |  |           |  |                 |   |      |                     |    |         |     |    |                          |    |     |  |    |       |       |       |  |       |              |    |    |  |    |                 |     |     |  |   |                       |     |     |  |     |                    |     |     |  |     |                           |    |    |  |    |  |                                |                            |                      |                               |  |                    |                    |                    |                    |                                  |                         |                               |                                |                               |  |
| 2  | 26.1<br>Cataly<br>st<br>from<br>Proce<br>ssing  |  | 3<br>(Present)<br>2<br>(Proposed<br>)<br>5 (Total)                     | CH<br>WTS<br>DF                   |   |             |   |                                  |                                       |                                  |                                   |   |                               |  |                 |    |  |           |  |                 |   |      |                     |    |         |     |    |                          |    |     |  |    |       |       |       |  |       |              |    |    |  |    |                 |     |     |  |   |                       |     |     |  |     |                    |     |     |  |     |                           |    |    |  |    |  |                                |                            |                      |                               |  |                    |                    |                    |                    |                                  |                         |                               |                                |                               |  |
| 26   | Stack emission Details: (All the Stack attached to process units, boilers, and Captive power plant, D.G. Sets, Incinerator both for existing and proposed activity). Please indicate the specific section to witch the stack is attached.   | <table><tr><th>Stack numbers</th><th>1</th><th>2</th><th>2</th><th>3</th></tr><tr><td>Attached to</td><td>Boiler – I II (No Change ) Operat ing</td><td>Boiler – I V (New Standby)</td><td>Boiler – VI (No change Operati ng</td><td>Boiler – V ( No change) Operating</td></tr><tr><td>Boiler Capacity, MT/Hr. steam</td><td>14</td><td>20</td><td>50</td><td>8</td></tr><tr><td>Fuel Type</td><td>Coal</td><td>Coal</td><td>Coal</td><td>Coal</td></tr><tr><td>Fuel quantity (TPD)</td><td>46</td><td>Standby</td><td>180</td><td>26</td></tr><tr><td>Material of Construction</td><td>MS</td><td colspan="2">RCC</td><td>MS</td></tr><tr><td>Shape</td><td>Round</td><td colspan="2">Round</td><td>Round</td></tr><tr><td>Height, Mtrs</td><td>39</td><td colspan="2">59</td><td>33</td></tr><tr><td>Diameter, Mtrs,</td><td>1.2</td><td colspan="2">1.5</td><td>1</td></tr><tr><td>Gas Quantity Nm3/ hr.</td><td>0.7</td><td colspan="2">1.5</td><td>0.6</td></tr><tr><td>Gas Temperature OC</td><td>140</td><td colspan="2">140</td><td>140</td></tr><tr><td>Exit Gas Velocity (m/sec)</td><td>18</td><td colspan="2">15</td><td>14</td></tr><tr><td>Control equipment proceeding the Stack</td><td>Dust Collect or and Bag Filter</td><td>Dust Separator, Bag Filter</td><td>Dust Separat or, ESP</td><td>Dust Collector and Bag Filter</td></tr><tr><td>Nature of pollutants likely to be present In the stack gases such as CO2, NOX, SOX, SPM etc.</td><td>CO2, SOX, NOX, SPM</td><td>CO2, SOX, NOX, SPM</td><td>CO2, SOX, NOX, SPM</td><td>CO2, SOX, NOX, SPM</td></tr><tr><td>Emission Control System provided</td><td>Dust Collec tor and Bag</td><td>Dust Collector and Bag Filter</td><td>Dust Collect or and Bag Filter</td><td>Dust Collector and Bag Filter</td></tr></table> | Stack numbers  | 1                                 | 2 | 2           | 3   | Attached to                      | Boiler – I II (No Change ) Operat ing | Boiler – I V (New Standby)       | Boiler – VI (No change Operati ng | Boiler – V ( No change) Operating   | Boiler Capacity, MT/Hr. steam | 14   | 20              | 50 | 8  | Fuel Type | Coal   | Coal            | Coal  | Coal | Fuel quantity (TPD) | 46 | Standby | 180 | 26 | Material of Construction | MS | RCC |  | MS | Shape | Round | Round |  | Round | Height, Mtrs | 39 | 59 |  | 33 | Diameter, Mtrs, | 1.2 | 1.5 |  | 1 | Gas Quantity Nm3/ hr. | 0.7 | 1.5 |  | 0.6 | Gas Temperature OC | 140 | 140 |  | 140 | Exit Gas Velocity (m/sec) | 18 | 15 |  | 14 | Control equipment proceeding the Stack | Dust Collect or and Bag Filter | Dust Separator, Bag Filter | Dust Separat or, ESP | Dust Collector and Bag Filter | Nature of pollutants likely to be present In the stack gases such as CO2, NOX, SOX, SPM etc. | CO2, SOX, NOX, SPM | CO2, SOX, NOX, SPM | CO2, SOX, NOX, SPM | CO2, SOX, NOX, SPM | Emission Control System provided | Dust Collec tor and Bag | Dust Collector and Bag Filter | Dust Collect or and Bag Filter | Dust Collector and Bag Filter | <div>Noted and complied with.</div> <div>We had installed Stacks to Boilers and DG set. We are conducting third party Monitoring (MOEF&amp;CC approved Lab) . Detail analysis reports are attached as <b>Annexure-V.</b></div> |
| Stack numbers  | 1   | 2  | 2  | 3                                 |   |             |   |                                  |                                       |                                  |                                   |   |                               |  |                 |    |  |           |  |                 |   |      |                     |    |         |     |    |                          |    |     |  |    |       |       |       |  |       |              |    |    |  |    |                 |     |     |  |   |                       |     |     |  |     |                    |     |     |  |     |                           |    |    |  |    |  |                                |                            |                      |                               |  |                    |                    |                    |                    |                                  |                         |                               |                                |                               |  |
| Attached to  | Boiler – I II (No Change ) Operat ing   | Boiler – I V (New Standby)   | Boiler – VI (No change Operati ng                                      | Boiler – V ( No change) Operating |   |             |   |                                  |                                       |                                  |                                   |   |                               |  |                 |    |  |           |  |                 |   |      |                     |    |         |     |    |                          |    |     |  |    |       |       |       |  |       |              |    |    |  |    |                 |     |     |  |   |                       |     |     |  |     |                    |     |     |  |     |                           |    |    |  |    |  |                                |                            |                      |                               |  |                    |                    |                    |                    |                                  |                         |                               |                                |                               |  |
| Boiler Capacity, MT/Hr. steam  | 14  | 20   | 50   | 8                                 |   |             |   |                                  |                                       |                                  |                                   |   |                               |  |                 |    |  |           |  |                 |   |      |                     |    |         |     |    |                          |    |     |  |    |       |       |       |  |       |              |    |    |  |    |                 |     |     |  |   |                       |     |     |  |     |                    |     |     |  |     |                           |    |    |  |    |  |                                |                            |                      |                               |  |                    |                    |                    |                    |                                  |                         |                               |                                |                               |  |
| Fuel Type  | Coal  | Coal   | Coal   | Coal                              |   |             |   |                                  |                                       |                                  |                                   |   |                               |  |                 |    |  |           |  |                 |   |      |                     |    |         |     |    |                          |    |     |  |    |       |       |       |  |       |              |    |    |  |    |                 |     |     |  |   |                       |     |     |  |     |                    |     |     |  |     |                           |    |    |  |    |  |                                |                            |                      |                               |  |                    |                    |                    |                    |                                  |                         |                               |                                |                               |  |
| Fuel quantity (TPD)  | 46  | Standby  | 180  | 26                                |   |             |   |                                  |                                       |                                  |                                   |   |                               |  |                 |    |  |           |  |                 |   |      |                     |    |         |     |    |                          |    |     |  |    |       |       |       |  |       |              |    |    |  |    |                 |     |     |  |   |                       |     |     |  |     |                    |     |     |  |     |                           |    |    |  |    |  |                                |                            |                      |                               |  |                    |                    |                    |                    |                                  |                         |                               |                                |                               |  |
| Material of Construction   | MS  | RCC  |  | MS                                |   |             |   |                                  |                                       |                                  |                                   |   |                               |  |                 |    |  |           |  |                 |   |      |                     |    |         |     |    |                          |    |     |  |    |       |       |       |  |       |              |    |    |  |    |                 |     |     |  |   |                       |     |     |  |     |                    |     |     |  |     |                           |    |    |  |    |  |                                |                            |                      |                               |  |                    |                    |                    |                    |                                  |                         |                               |                                |                               |  |
| Shape  | Round   | Round  |  | Round                             |   |             |   |                                  |                                       |                                  |                                   |   |                               |  |                 |    |  |           |  |                 |   |      |                     |    |         |     |    |                          |    |     |  |    |       |       |       |  |       |              |    |    |  |    |                 |     |     |  |   |                       |     |     |  |     |                    |     |     |  |     |                           |    |    |  |    |  |                                |                            |                      |                               |  |                    |                    |                    |                    |                                  |                         |                               |                                |                               |  |
| Height, Mtrs   | 39  | 59   |  | 33                                |   |             |   |                                  |                                       |                                  |                                   |   |                               |  |                 |    |  |           |  |                 |   |      |                     |    |         |     |    |                          |    |     |  |    |       |       |       |  |       |              |    |    |  |    |                 |     |     |  |   |                       |     |     |  |     |                    |     |     |  |     |                           |    |    |  |    |  |                                |                            |                      |                               |  |                    |                    |                    |                    |                                  |                         |                               |                                |                               |  |
| Diameter, Mtrs,  | 1.2   | 1.5  |  | 1                                 |   |             |   |                                  |                                       |                                  |                                   |   |                               |  |                 |    |  |           |  |                 |   |      |                     |    |         |     |    |                          |    |     |  |    |       |       |       |  |       |              |    |    |  |    |                 |     |     |  |   |                       |     |     |  |     |                    |     |     |  |     |                           |    |    |  |    |  |                                |                            |                      |                               |  |                    |                    |                    |                    |                                  |                         |                               |                                |                               |  |
| Gas Quantity Nm3/ hr.  | 0.7   | 1.5  |  | 0.6                               |   |             |   |                                  |                                       |                                  |                                   |   |                               |  |                 |    |  |           |  |                 |   |      |                     |    |         |     |    |                          |    |     |  |    |       |       |       |  |       |              |    |    |  |    |                 |     |     |  |   |                       |     |     |  |     |                    |     |     |  |     |                           |    |    |  |    |  |                                |                            |                      |                               |  |                    |                    |                    |                    |                                  |                         |                               |                                |                               |  |
| Gas Temperature OC   | 140   | 140  |  | 140                               |   |             |   |                                  |                                       |                                  |                                   |   |                               |  |                 |    |  |           |  |                 |   |      |                     |    |         |     |    |                          |    |     |  |    |       |       |       |  |       |              |    |    |  |    |                 |     |     |  |   |                       |     |     |  |     |                    |     |     |  |     |                           |    |    |  |    |  |                                |                            |                      |                               |  |                    |                    |                    |                    |                                  |                         |                               |                                |                               |  |
| Exit Gas Velocity (m/sec)  | 18  | 15   |  | 14                                |   |             |   |                                  |                                       |                                  |                                   |   |                               |  |                 |    |  |           |  |                 |   |      |                     |    |         |     |    |                          |    |     |  |    |       |       |       |  |       |              |    |    |  |    |                 |     |     |  |   |                       |     |     |  |     |                    |     |     |  |     |                           |    |    |  |    |  |                                |                            |                      |                               |  |                    |                    |                    |                    |                                  |                         |                               |                                |                               |  |
| Control equipment proceeding the Stack   | Dust Collect or and Bag Filter  | Dust Separator, Bag Filter   | Dust Separat or, ESP   | Dust Collector and Bag Filter     |   |             |   |                                  |                                       |                                  |                                   |   |                               |  |                 |    |  |           |  |                 |   |      |                     |    |         |     |    |                          |    |     |  |    |       |       |       |  |       |              |    |    |  |    |                 |     |     |  |   |                       |     |     |  |     |                    |     |     |  |     |                           |    |    |  |    |  |                                |                            |                      |                               |  |                    |                    |                    |                    |                                  |                         |                               |                                |                               |  |
| Nature of pollutants likely to be present In the stack gases such as CO2, NOX, SOX, SPM etc. | CO2, SOX, NOX, SPM  | CO2, SOX, NOX, SPM   | CO2, SOX, NOX, SPM   | CO2, SOX, NOX, SPM                |   |             |   |                                  |                                       |                                  |                                   |   |                               |  |                 |    |  |           |  |                 |   |      |                     |    |         |     |    |                          |    |     |  |    |       |       |       |  |       |              |    |    |  |    |                 |     |     |  |   |                       |     |     |  |     |                    |     |     |  |     |                           |    |    |  |    |  |                                |                            |                      |                               |  |                    |                    |                    |                    |                                  |                         |                               |                                |                               |  |
| Emission Control System provided   | Dust Collec tor and Bag   | Dust Collector and Bag Filter  | Dust Collect or and Bag Filter   | Dust Collector and Bag Filter     |   |             |   |                                  |                                       |                                  |                                   |   |                               |  |                 |    |  |           |  |                 |   |      |                     |    |         |     |    |                          |    |     |  |    |       |       |       |  |       |              |    |    |  |    |                 |     |     |  |   |                       |     |     |  |     |                    |     |     |  |     |                           |    |    |  |    |  |                                |                            |                      |                               |  |                    |                    |                    |                    |                                  |                         |                               |                                |                               |  |



| Sr.<br>No | Conditions   |   |  |         |   |  | Compliances |
|-----------|--|---|--|---------|---|--|-------------|
|           | e.g.: Process section, D.G Set, Boiler, Power plant, incinerator etc. Emission rate (Kg/hr.) for each pollutant (SPM, SO <sub>2</sub> , NO <sub>x</sub> Etc. should be specified |   | Filter                                       |         |   |  |             |
|           |  | In case of DG set Power generation capacity in KVA (Attach specifications including residue management systems of each of the Control equipment including inlet/outlet concentration of relevant pollutants)  | NA   | NA      | NA  | NA   |             |
|           |  | Whether any release of Odiferous compounds such as Mercaptans, phorate etc. are coming out from any storages or process house   | NO   | NO      | NO  | NO   |             |
|           |  | Do you have adequate facility for collection of platform, Ladder etc. as per central Board Publication Emission regulations Part-III  | YES  | YES     | YES   | YES  |             |
|           |  | Quality of treated flue gas emissions and process emission. Quantity of treated flue gas emission and process emissions (Specify concentration of criteria pollutant and industry/ process specific pollutants stack-wise. Enclose copy of latest report of analysis from the laboratory approved by state Board/ Central Board/Central Govt. in the MOEF. For proposed unit finish expected characteristics of the emissions | SPM : 2.4 Kg/hr. SO <sub>2</sub> : 31 Kg/Hr. | Standby | SPM : 9.5 Kg/Hr. SO <sub>2</sub> : 120 Kg/Hr. | SPM : 1.4 Kg/hr. SO <sub>2</sub> : 17 Kg/hr. |             |

| Sr. No   | Conditions                          |   |                        |  |       | Compliances   |  |
|--|-------------------------------------|---|------------------------|--|-------|---|--|
| 27   | Details of fuel to be used :        | Sr. No.   | Fuel                   | Calorific value ( Kcals/Kg)  | Ash % | Sulphur %   | <p>Noted and Complied with.</p> <p>We are using Coal as a fuel to Boilers. Source is local and Import and transportation by Road to plant.</p> <p>All the fuel quantities and emissions are within the EC prescribed limits.</p> |
|  |                                     |   |                        | Existing   |       |   |  |
|  |                                     | 1   | Gas                    | -  | -     | -   |  |
|  |                                     | 2   | Naphtha                | -  | -     | -   |  |
|  |                                     | 3   | HSD                    | 10200  | 0.1   | 500 ppm   |  |
|  |                                     | 4   | Fuel Oil (Furnace Oil) | 10200  | 0.1   | 2   |  |
|  |                                     | 5   | Coal                   | 5300   | 10    | 0.5   |  |
|  |                                     | 6   | Lignite                | -  | -     | -   |  |
|  |                                     | 7   | Other                  | 814  |       |   |  |
| Source of Fuel: Local and Imported<br>Mode of Transportation of fuel to site : By road |                                     |   |                        |  |       |   |  |
| 28   | Energy                              | <p><b>Power supply:</b><br/>Existing power requirement:1700 KW<br/>Proposed power requirement:800KW<br/>Connected load: 3000 KW<br/>Maximum Demand: 3500kw</p> <p>DG Sets:<br/>Number and capacity DG Set to be used :1 No of 1010kva</p> |                        |  |       | <p>Complied with.</p> <p>Source of power is MSEB. In case of power failure, we are using DG set.</p>  |  |
|  |                                     |   |                        |  |       |   |  |
| 29   | Green Belt development              | <p>Green belt Area (Sq. m)3232<br/>Existing No of Trees :318<br/>Number Size Age and species of trees to be cut trees to be transplanted :Nil</p>   |                        |  |       | <p>Green belt maintained as prescribed.</p>   |  |
| 30   | Details of pollution Control system | Sr. NO  | Component              | Pollution Control System   |       | <p>Complied with.</p> <p>We have installed ESP to 50 TPH, 22 TPH and for to 14 TPH boiler Stack.<br/>Domestic wastewater sent to septic tank then pumped to STP after treatment disposed to CETP.</p> <p>Acoustic enclosures provided to DG set.</p> <p>Generated waste disposed to Authorized Agencies</p> |  |
|  |                                     | 1   | Air                    | Electrostatic Precipitator , Dust collector and bag filters Scrubber and Steam Boiler and stack as per MPCB  |       |   |  |
|  |                                     | 2   | Water                  | Domestic Effluent to ETP after septic tank. Full fledge primary , Secondary, and Tertiary for trade effluent Fully aerobic ETP.                                      |       |   |  |
|  |                                     | 3   | Noise                  | Acoustic enclosures will be provided to DG Set. The noise level in the day time shall be maintained 75db(A) and 70 db(A) during night time Trees act as Noise Buffer |       |   |  |
|  |                                     | 4   | Solid Waste            | The Authorized Agency  |       |   |  |
|  |                                     |   |                        |  |       |   |  |

| Sr. No | Conditions   |  |  |                                       | Compliances   |                          |
|--------|--|--|--|---------------------------------------|---|--------------------------|
| 31     | Environmental Management plan Budgetary Allocation | Total Cost: (Present + Proposed)<br>Capital cost(with brackup) 396 Lakhs<br>O&M Cost (With break up): 213 (Rs Lakhs) |  |                                       | Complied with.<br><br>Total Rs. 94 Lakhs Expenditure was incurred during last six months on Environment protection. |                          |
|        |  | Sr. No   | Description  | Recurring Cost per annum Rs. in Lakhs |   | Capital Cost Rs In Lakhs |
|        |  | 1  | Air Pollution Control  | 5                                     |   | 30                       |
|        |  | 2  | Water Pollution Control  | 188                                   |   | 350                      |
|        |  | 3  | Noise Pollution Control  | 5                                     |   | 5                        |
|        |  | 4  | Environment monitoring and management                            | 10                                    |   |                          |
|        |  | 5  | Reclamation borrow /Mind area                                    | --                                    |   | --                       |
|        |  | 6  | Occupational Safety  | 2                                     |   | 5                        |
|        |  | 7  | Green Belt   | 1                                     |   | 1                        |
|        |  | 8  | Other (Pl specify) Rain water Harvesting , Safety, Security etc. | 2                                     |   | 5                        |
|        |  |  | Total  | 213                                   |   | 396                      |

Complied with.

Total Rs. 94 Lakhs Expenditure was incurred during last six months on Environment protection.

| Sr.<br>No | Conditions  |     | Compliances   |
|-----------|---|-----|---|
| 32        | EIA Submitted<br>(If yes then submit the salient features | Yes | EIA Submitted as a part of obtaining EC, this EC is accorded after due scrutiny of EIA report by SEIAA Committee. |

| Sr. No | Conditions   |                  |          |                 | Compliances  |  |
|--------|--|------------------|----------|-----------------|--|--|
| 33     | Storage of Chemicals(Inflammable/ Explosive/ Hazardous / Toxic Substances) |                  |          |                 | Complied with.   |  |
|        | Tank Form No   | Material Name    | Tank Tag | Storage Size M3 | All the chemicals are stored in respective storage tanks, layout of which are duly approved from DISH Authorities. |  |
|        | TF-I   | Acetaldehyde     | 21A      | 25              | In addition, periodic EHS inspections are carried out.   |  |
|        | TF-1   | Paraldehyde      | 21B      | 25              |  |  |
|        | TF-2A  | Acetic Acid      | 1609     | 794             |  |  |
|        | TF-2A  | Ethyl acetate    | 1603     | 579             |  |  |
|        | TF-2B  | SDS              | 1602     | 579             |  |  |
|        | TF-2C  | Ethyl acetate    | 1601     | 647             |  |  |
|        | TF-2C  | Acetic Acid      | 1604     | 286             |  |  |
|        | TF-2C  | Acetic Acid      | 1605     | 452             |  |  |
|        | TF-2D  | SDS              | 1611     | 283             |  |  |
|        | TF-2D  | Absolute alcohol | 1612     | 212             |  |  |
|        | TF-3   | Furnace Oil      | 1203     | 98              |  |  |
|        | TF-3   | Diesel           | 1204     | 15              |  |  |
|        | TF-4   | Ethyl acetate    | T-301    | 241             |  |  |
|        | TF-4   | Ethyl acetate    | T-302    | 148             |  |  |
|        | TF-5   | Ethyl acetate    | 1614     | 980             |  |  |
|        | TF-5   | Acetic Acid      | 1613     | 962             |  |  |
|        | TF-6   | Ethyl acetate    | 1615     | 1200            |  |  |
|        | Coal shed  | Coal             |          | 300             |  |  |
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| Sr. No | Conditions  | Compliances  |
|--------|---|--|
|        | <b>General conditions for Pre- construction Phases:</b>   |  |
| i      | This Environment clearance is issued subject to achieving Zero Liquid Discharge(ZLD)  | Complied with. The discharge to CETP is kept under prescribed limits of 270 CMD.   |
| ii     | PP to take utmost precautions for the health and safety of the people working in unites also for protecting the environment   | Noted and complied with.<br><br>Precautions are being taken as per the Risk Assessments of units.  |
| iii    | PP to ensure that project will not entail any increase in effluent load in CETP   | Complied with.<br>There is no increase in Effluent quantity.   |
| iv     | No additional land shall be used /acquired for any activity of the project without obtaining proper permission  | Noted and complied with.<br>So no additional land required.  |
| v      | PP to take utmost precautions for the health and safety of the people working in units also for protecting the environment  | Noted and complied with.<br>Precautions are being taken as per the Risk Assessments of units.  |
| vi     | For controlling fugitive natural dust regular sprinkling of water and wind shields at apocopate distances in vulnerable area of the plant shall be ensure   | Complied with.<br>Foggers arranged in coal handling area as a dust suppression measure.  |
| vii    | Proper housekeeping programs shall be implement   | Complied with.<br><br>Our site is divided in to Zones and for each zone one manager is responsible to maintain Housekeeping and we are initiated 5s. |
| Viii   | In the event of the failure of any pollution control system adopted by the unit the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved. | Noted and implemented  |
| ix     | A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollution from DG set (If applicable)   | Adequate height provided to DG set   |
| x      | A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge the ground water   | Noted and complied with.   |

| Sr. No | Conditions  | Compliances  |
|--------|---|--|
| xi     | Arrangement shall be made the effluent and storm water does not get mixed   | Wastewater generated from plant to ETP transfer by SS Pipeline   |
| xii    | Periodic monitoring of ground water shall be undertaking and results analyzed to ascertain any change in the quality of water Results shall be regularly submitted to the Maharashtra Pollution Control Board   | Ground water Analyses report attached as <b>Annexure – VI.</b>   |
| xiii   | Noise level shall be maintained as per standards. For people working in the high noise area required personal protective equipment like earplugs etc. shall be provided   | High Noise Area are identified and while entering in to this area Ear plugs are provided.                        |
| xiv    | The overall noise levels in and around the plant are 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 level shall confirm to standards prescribed under Environmental (Protection) Act 1986 Rules 1989  | Complied with <b>Annexure –VII.</b>  |
| xv     | Green belt shall be developed and maintained around the plant periphery. Green belt development shall be carried out considering CPCB guidelines including selection of plants species and in consultation with the local DFO/Agriculture Dept.   | Noted and complied with.   |
| xvi    | Adequate safety measures shall be provided to limit the risk zone with in the plant boundary in case of any accident. Leak detection devise shall also be installed at strategic place for early detection and warning  | Noted and complied with.   |
| xvii   | Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act   | Complied with.<br><br>Six monthly medical examinations are carried out as per the Factories Act.                 |
| xviii  | The company shall make the arrangements for protection of possible fire hazards during manufacturing process in material handling   | Complied with.<br><br>Fire protection measures provided & implemented as per the FIRE NOC duly approved by MIDC. |
| xix    | The project authorities must strictly complied with the rules and regulations with regard of handling and disposal of hazardous waste (Management and Handling)Rule 2003(Amendment) . Authorization shall be obtained for collection/treatment/disposal of Hazardous waste  | Noted and complied with.   |
| xx     | The company shall undertake following waste minimization Measures: <ul style="list-style-type: none"> <li>• Metering of quantity's of active ingredients to minimize the waste</li> <li>• Reuse of by products from the process as a raw material or as a raw material substitutes in other process</li> <li>• Maximizing recovery's</li> <li>• Use of automated material transfer system to minimize spillage</li> </ul> | Noted and complied with.   |
| xxi    | Regular mock drill for the onsite emergency management plan shall be carried out. Implementation of changes/Improvements required, if any in the onsite management plan shall be ensured.   | Complied with.<br><br>Six monthly mock drills are conducted and  |

| Sr. No | Conditions  | Compliances  |
|--------|---|--|
|        |   | recommendations are complied with.   |
| xxii   | Separate environment management cell with qualified staff shall be setup for implementation of stipulated environmental safeguards  | Complied with.<br>Separate Environmental Cell with qualified staff is available.   |
| xxiii  | Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks -up. This cost shall be included as a part of project cost. The funds earmarked for the environmental protection measures shall not be diverted for other purposes and year wise expenditure should reported to the MPCB and This Department  | Complied with.<br>Separate fund is provided and included in capital and recurring budgets duly approved by the management. |
| xxiv   | The project management shall advertise at least in two local newspapers widely circulated in the region around the project , One of which shall be Marathi language of the local concerned with in the seven days of issue of this letter informing that the project has been accorded environmental clearance and copy of clearance letter are available with MPCB and may also be seen at website at <a href="http://maharashtra.gov.in">http://maharashtra.gov.in</a>  | Noted, complied.   |
| xxv    | Project management shall submit half yearly compliances report in respect of the stipulated prior environment clearance and conditions in hard and soft copy to MPCB and this department on 1st June and 1st December of each calendar Year   | Complied with.   |
| xxvi   | A copy of Clearance letter shall be sent by proponent to the concerned municipal Corporation and the local NGO if any for whom suggestions / Representations If any wear received while processing the proposal. The clearance letter shall also be put on the website  | Noted.   |
| xxvii  | The proponent shall upload the status of compliance of the stipulated EC Conditions, Including results of monitoring data on their website and shall update the same periodically. It shall simultaneously be sent to a Regional office of MoEF the respective Zonal Office of CPCB and the SPCB. The criteria pollution levels namely SPM,RSPM,SO <sub>2</sub> , NO <sub>x</sub> , (Ambient levels as well as stack emissions) or Critical sectorial parameters, Indicated for the project shall be monitored and displayed at convenient location near the main gate of the company in the public domain. | Complied with.<br><br>Details are displayed at Main gate   |
| xxviii | The environmental statement for each financial year ending 31st march in Form-V as is mandated to be submitted by the project proponent to the concerned state pollution control board as prescribed under the Environment (Protection) Rules1986 as amended subsequently shall also be put on the web site of the company along with the status of compliance of EC conditions and shall also be sent to the respective regional offices of MoEF by Mail.  | Complied with.<br>Last environmental statement submitted on 11.09.2023   |
| 4      | The Environment clearance is being issued without prejudice to the action initiated under EP act or any court case pending in the court of law and it does not mean that project proponent has not violated any environment laws in in the past and whatever decision under EP Act or of Honorable court will be binding on the project proponent. Hence this clearance does not give Immunity to the project proponent in the case filed against him if any action initiated in EP Act.  | Noted and complied with.   |
| 5      | The environment department reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for the matter for any other administrative resin.  | Noted and complied with.   |
| 6      | Validity of environment clearance : The environment clearance accorded shall be valid for a period of 7 years as per MOEF&CC Notification dated 29th April 2015to start of production operation.  | Noted. Seven yrs completed and continued to all prod. with CTE and CTO.  |



| Sr.<br>No | Conditions  | Compliances |
|-----------|---|-------------|
| 7         | In case of any deviation or alteration in the project proposed for this submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition (s) imposed and to incorporate additional environment protection measures required if any  | Noted       |
| 8         | The above stipulation would be endorsed among other under the water (Prevention and Control of Pollution) Act 1974 the Air (Prevention and control) Act 1981 the Environment (protection) Act 1986 and rules there under, Hazardous waste (management and handling) rule 1986 and its amendments, the public Liability Insurance Act 1991 and its amendments) | Noted       |
| 9         | Any appeal against this environmental Clearance shall lie with the National Green Tribunal (Western Zone Bench Pune) New Administrative Building 1 <sup>st</sup> floor D-Wing Opposite council hall Pune if preferred with in 30 days as prescribed under section 16 of the National Green Tribunal Act-2010  | Noted       |

## Annexure- I

## Production Details

| Sr. No | Production Details                         | EC Quantity | Consent Quantity | Oct - 2023 | Nov- 2023 | Dec- 2023 | Jan - 2024 | Feb- 2024 | Mar- 2024 |
|--------|--|-------------|------------------|------------|-----------|-----------|------------|-----------|-----------|
| 1      | Propyl acetate/Isopropyl acetate(TPM)      | 300         | 300              | 0          | 0         | 0         | 0          | 0         | 0         |
|        | Acetic acid(TPM)                           | 200         | 200              | 0          | 0         | 0         | 0          | 0         | 0         |
| 3      | Acetaldehyde Derivatives(Paraldehyde)(TPM) | 15          | 15               | 0          | 0         | 0         | 0          | 0         | 0         |
| 4      | Dilute Acetic Acid(TPM)                    | 100         | 100              | 0          | 0         | 0         | 0          | 0         | 0         |
| 5      | Ethyl Acetate(TPM)                         | 15000       | 15000            | 12233      | 12327     | 14442     | 14567      | 14339     | 14924     |
| 6      | Butyl acetate/Isobutyl acetate(TPM)        | 400         | 400              | 0          | 0         | 0         | 0          | 0         | 0         |
| 7      | Absolute alcohol(KLPM)                     | 2500        | 2500             | 149        | 247       | 186       | 334        | 500       | 237       |
| 8      | Electric Power(CPP)(KWH)                   | 7.5         | 7.5              | 5.62       | 5.77      | 5.70      | 5.27       | 5.65      | 5.38      |

**Note: - From Oct- 2023 to Mar -2024 production quantity is well within the EC/Consent limits**

## Annexure -II

## Water Consumption Details Oct- 2023 to Mar- 2024 (CMD)

| Sr. NO | Description            | EC/Consented Limit | Oct - 2023 | Nov- 2023 | Dec- 2023 | Jan - 2024 | Feb- 2024 | Mar- 2024 | Remarks                                    |
|--------|------------------------|--------------------|------------|-----------|-----------|------------|-----------|-----------|--|
| 1      | Source of Water - MIDC | 2520               | 1643       | 1524      | 1476      | 1410       | 1561      | 1483      | Average Consumption M3 Per Day - 1516 M3/D |

**TEST REPORT**

|                              |   |                               |                        |
|------------------------------|---|-------------------------------|------------------------|
| Sample ID : E/02/24/5127     | Report No. E/02/24/5127   | Report Date                   | 03/03/2024             |
| Name and address of Customer | <b>Laxmi Organic Industries Ltd. (Unit -I)</b><br>Plot No. A - 22/2/3, MIDC Mahad,<br>Dist. Raigad - 402309,<br>Maharashtra |                               |                        |
| Sampling done by             | Customer  | Sample Description / Type     | Treated Trade Effluent |
| Sampling Location            | ETP Outlet  | Date - Receipt of Sample      | 26/02/2024             |
| Sample Quantity / Packing    | 10 L x 1 no. plastic can<br>5 L x 1 no. plastic can<br>1 L x 1 no. glass bottle<br>250 ml x 1 No. sterile bottle            | Date - Start of Analysis      | 26/02/2024             |
| Order Reference              | PO No. 4300013462 dated<br>18.04.2023   | Date - Completion of Analysis | 02/03/2024             |

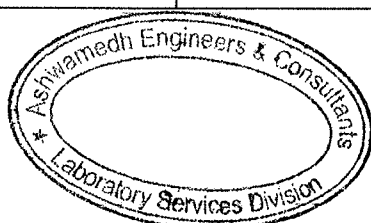
| Sr.No. | Parameter | Result | Limits as per MPCB Consent | Unit | Method |
|--------|-----------|--------|----------------------------|------|--------|
|--------|-----------|--------|----------------------------|------|--------|

**Chemical Testing; Group: Pollution & Environment**

**Physical & Chemical Parameters**

|    |  |                 |                    |      |  |
|----|--|-----------------|--------------------|------|--|
| 1  | pH (at 25°C)   | 7.5             | 6.0 to 8.5         | -    | IS 3025 (Part II): 2017                              |
| 2  | Total Suspended Solids                                   | 60              | Not to exceed 100  | mg/L | IS 3025 (Part I7) Amds.I: 2017                       |
| 3  | Biochemical Oxygen Demand (3 days, 27°C)                 | 20              | Not to exceed 30   | mg/L | IS 3025 (Part 44): 1993                              |
| 4  | Chemical Oxygen Demand                                   | 60              | Not to exceed 250  | mg/L | APHA,24th Ed.,5220,B,544: 2023                       |
| 5  | Oil & Grease   | BLQ (LOQ:1)     | Not to exceed 10   | mg/L | APHA,24th Ed.,5520,B,572: 2023                       |
| 6  | Total Dissolved Solids                                   | 1002            | Not specified      | mg/L | IS 3025 (Part 16): 2023                              |
| 7  | Chloride (as Cl)   | 152             | Not to exceed 600  | mg/L | IS 3025 (Part 32): 2017                              |
| 8  | Sulphate (as SO <sub>4</sub> )                           | 340             | Not to exceed 1000 | mg/L | IS 3025 (Part 24)/Sec-I: 2022                        |
| 9  | Hexavalent Chromium (as Cr+6)                            | BLQ (LOQ:0.02)  | Not specified      | mg/L | IS 3025 (Part 52): 2019                              |
| 10 | Ammonical Nitrogen (as NH <sub>3</sub> -N)               | 3.0             | Not specified      | mg/L | APHA,24th Ed.,4500- NH3, F,429: 2023                 |
| 11 | Nitrate (as NO <sub>3</sub> )                            | 5.1             | Not specified      | mg/L | APHA,24th Ed.,4500- NO3, B,434: 2023                 |
| 12 | Sulphide (as H <sub>2</sub> S)                           | BLQ (LOQ:0.025) | Not specified      | mg/L | APHA,24th Ed.,4500- S2,C8D, 512: 2023                |
| 13 | Phosphate (as P)   | 1.5             | Not specified      | mg/L | APHA,24th Ed.,4500- P,E,486 : 2023                   |
| 14 | Cyanide (as CN)  | BLQ (LOQ:0.001) | Not specified      | mg/L | APHA,24th Ed.,4500- CN, C8E,370G372: 2023            |
| 15 | Phenolic Compounds (as C <sub>6</sub> H <sub>5</sub> OH) | BLQ (LOQ:0.01)  | Not specified      | mg/L | Clause 6 of IS 3025 (Part 43): 1992                  |
| 16 | Total Nitrogen (as N)                                    | 2.12            | Not specified      | mg/L | APHA,24th Ed.,4500,A,415: 2023                       |
| 17 | Percent Sodium   | 22.6            | Not to exceed 60   | %    | AEC/C/SAP/W/E-56, Issue No.4, Issue date:02.05: 2023 |
| 18 | Arsenic (as As)  | BLQ (LOQ:0.005) | Not specified      | mg/L | IS 3025 (Part 2) : 2019 / ISO 11885: 2007            |
| 19 | Total Chromium (as Cr)                                   | BLQ (LOQ:0.02)  | Not specified      | mg/L | IS 3025 (Part 2) : 2019 / ISO 11885: 2007            |

*Akshata*  
**Akshata Pagare**  
Senior Analyst (Biological)  
Reviewed & Authorised by

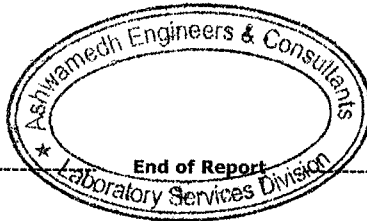


*Ninad*  
**Ninad Soundankar**  
Technical Manager (Chemical)  
Reviewed & Authorised by

ANNEXURE B

| Sample ID : E/02/24/5127   |                 | Report No. E/02/24/5127                                       |                            | Report Date         |   | 03/03/2024 |
|--|-----------------|---|----------------------------|---------------------|---|------------|
| Sr.No.   | Parameter       | Result  | Limits as per MPCB Consent | Unit                | Method                                    |            |
| 20   | Cadmium (as Cd) | BLQ<br>(LOQ:0.002)  | Not specified              | mg/L                | IS 3025 (Part 2) : 2019 / ISO 11885: 2007 |            |
| 21   | Copper (as Cu)  | BLQ<br>(LOQ:0.02)   | Not specified              | mg/L                | IS 3025 (Part 2) : 2019 / ISO 11885: 2007 |            |
| 22   | Lead (as Pb)    | BLQ<br>(LOQ:0.008)  | Not specified              | mg/L                | IS 3025 (Part 2) : 2019 / ISO 11885: 2007 |            |
| 23   | Nickel (as Ni)  | BLQ<br>(LOQ:0.01)   | Not specified              | mg/L                | IS 3025 (Part 2) : 2019 / ISO 11885: 2007 |            |
| 24   | Mercury (as Hg) | BLQ<br>(LOQ:0.0008)   | Not specified              | mg/L                | IS 3025 (Part 2) : 2019 / ISO 11885: 2007 |            |
| 25   | Zinc (as Zn)    | 0.118   | Not specified              | mg/L                | IS 3025 (Part 2) : 2019 / ISO 11885: 2007 |            |
| 26   | Bioassay Test   | 80% Survival<br>of fish after 96<br>hours in 100%<br>Effluent | Not specified              | -                   | IS 6582 (Part 1): 1971                    |            |
| Biological Testing; Group: Environment & Pollution               |                 |   |                            |                     |   |            |
| Bacteriological Parameters                                       |                 |   |                            |                     |   |            |
| 27   | Total Coliforms | 39  | Not specified              | MPN Index<br>/100ml | APHA, 24th Ed. 9221-B, 1134: 2023         |            |
| BLQ: Below Limit of Quantification, LOQ: Limit of Quantification |                 |   |                            |                     |   |            |

*Akshata Pagare*  
Akshata Pagare  
Senior Analyst (Biological)  
Reviewed & Authorised by



*Ninad Soundankar*  
Ninad Soundankar  
Technical Manager (Chemical)  
Reviewed & Authorised by



**Note:**

1. The result listed refer only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.



#### Annexure- IV

##### Details of Hazardous waste disposal MT/M (Oct-2023 to Mar-2024)

| Sr. No | Description                | Consented Quantity | Oct-23 | Nov-23 | Dec-23 | Jan-24 | Feb-24 | Mar-24 | Average |
|--------|----------------------------|--------------------|--------|--------|--------|--------|--------|--------|---------|
| 01     | Sludge generation from ETP | 20 MT/M            | 18.48  | 9.44   | 28.25  | 18.58  | 34.65  | 16.22  | 20.90   |

**Consented Quantity: – 20.0 MT/M**

**Avg. Disposal :- 20.90 MT/M**

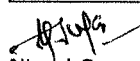
**STACK EMISSION MONITORING REPORT**

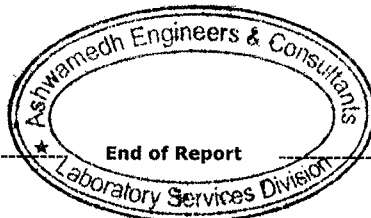
|                              |  |                               |                |
|------------------------------|--|-------------------------------|----------------|
| Sample ID : SA/02/24/5665    | Report No. SA/02/24/5665   | Report Date                   | 23/02/2024     |
| Name and address of Customer | <b>Laxmi Organic Industries Ltd. (Unit -I)</b><br>Plot No. A - 22/2/3, MIDC Mahad,<br>Dist. Raigad - 402309,<br>Maharashtra  |                               |                |
| Sampling done by             | Laboratory   | Sample Description / Type     | Stack Emission |
| Sample Quantity / Packing    | PM: 1 x 1 no. thimble<br>SO <sub>2</sub> : 30 ml x 1 no. plastic bottle<br>NO <sub>2</sub> : 25 ml x 1 no. plastic bottle<br>Cl <sub>2</sub> , HCl: 30 ml x 1 no. plastic bottle | Date - Sampling               | 16/02/2024     |
|                              |  | Date - Receipt of Sample      | 19/02/2024     |
| Sampling Procedure           | IS 11255 (Part 1):2019, (Part 2):2019,<br>(Part 3):2018, (Part 7):2017   | Date - Start of Analysis      | 19/02/2024     |
| Order Reference              | PO No. 4300013462 dated 18.04.2023   | Date - Completion of Analysis | 22/02/2024     |

| Stack Details                     |                   |
|-----------------------------------|-------------------|
| ~ Stack Identity                  | Stack-3           |
| ~ Stack attached to               | Boiler CPP 50 TPH |
| ~ Material of construction        | M.S               |
| ~ Stack height above ground level | 56 m              |
| ~ Stack diameter                  | 2.0 m             |
| ~ Stack shape at top              | Round             |
| ~ Type of Fuel                    | Coal              |
| ~ Fuel Consumption                | 7499 kg/h         |

| Parameter   | Result | Limits as per MPCB Consent | Unit               | Method                   |
|---|--------|----------------------------|--------------------|--------------------------|
| <b>Chemical Testing; Group: Atmospheric Pollution</b> |        |                            |                    |                          |
| Flue Gas Temperature                                  | 143    | -                          | °C                 | IS 11255 (Part 3) : 2018 |
| Flue Gas Velocity                                     | 7.02   | -                          | m/s                | IS 11255 (Part 3) : 2018 |
| Flue Gas Flow Rate                                    | 55270  | -                          | Nm <sup>3</sup> /h | IS 11255 (Part 3) : 2018 |
| Particulate Matter (PM)                               | 34     | 150                        | mg/Nm <sup>3</sup> | IS 11255 (Part 1) : 2019 |
| Sulphur Dioxide (SO <sub>2</sub> )                    | 826    | 1800                       | kg/d               | IS 11255 (Part 2) : 2019 |
| Oxides of Nitrogen (NO <sub>2</sub> )                 | 45.6   | Not specified              | mg/Nm <sup>3</sup> | IS 11255 (Part 7) : 2017 |

Note: Sample ID SA/02/24/5665 bears two Test Reports - SA/02/24/5665 and SA/02/24/5665N

  
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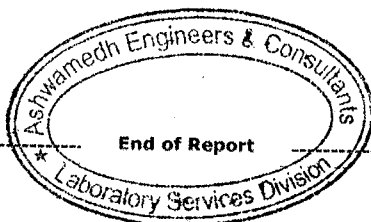
ANNEXURE - V

**STACK EMISSION MONITORING REPORT**

|                              |  |                               |                |
|------------------------------|--|-------------------------------|----------------|
| Sample ID : SA/02/24/5665    | Report No. SA/02/24/5665N  | Report Date                   | 23/02/2024     |
| Name and address of Customer | <b>Laxmi Organic Industries Ltd. (Unit -I)</b><br>Plot No. A - 22/2/3, MIDC Mahad,<br>Dist. Raigad - 402309,<br>Maharashtra  |                               |                |
| Sampling done by             | Laboratory   | Sample Description / Type     | Stack Emission |
| Sample Quantity / Packing    | PM: 1 x 1 no. thimble<br>SO <sub>2</sub> : 30 ml x 1 no. plastic bottle<br>NO <sub>2</sub> : 25 ml x 1 no. plastic bottle<br>Cl <sub>2</sub> , HCl: 30 ml x 1 no. plastic bottle | Date - Sampling               | 16/02/2024     |
|                              |  | Date - Receipt of Sample      | 19/02/2024     |
| Sampling Procedure           | IS 11255 (Part 1):2019, (Part 2):2019,<br>(Part 3):2018, (Part 7):2017   | Date - Start of Analysis      | 19/02/2024     |
| Order Reference              | PO No. 4300013462 dated 18.04.2023   | Date - Completion of Analysis | 22/02/2024     |

| Stack Details   |                   |                            |                    |                          |
|---|-------------------|----------------------------|--------------------|--------------------------|
| ~ Stack Identity  | Stack-3           |                            |                    |                          |
| ~ Stack attached to   | Boiler CPP 50 TPH |                            |                    |                          |
| ~ Material of construction  | M.S               |                            |                    |                          |
| ~ Stack height above ground level   | 56 m              |                            |                    |                          |
| ~ Stack diameter  | 2.0 m             |                            |                    |                          |
| ~ Stack shape at top  | Round             |                            |                    |                          |
| ~ Type of Fuel  | Coal              |                            |                    |                          |
| ~ Fuel Consumption  | 7499 kg/h         |                            |                    |                          |
| Parameter   | Result            | Limits as per MPCB Consent | Unit               | Method                   |
| <b>Chemical Testing; Group: Atmospheric Pollution</b>                                   |                   |                            |                    |                          |
| Chlorine (Cl <sub>2</sub> )   | 0.89              | Not specified              | ppm                | IS 5182 (Part XIX): 2019 |
| Acid Mist (as HCl)  | 7.8               | Not specified              | mg/Nm <sup>3</sup> | Titrimetric Method       |
| Note: Sample ID SA/02/24/5665 bears two Test Reports - SA/02/24/5665 and SA/02/24/5665N |                   |                            |                    |                          |

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AEC/F/REP/1-E

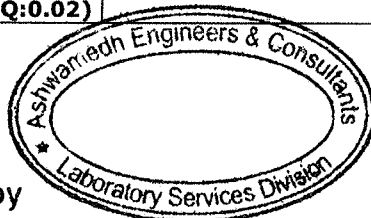


**TEST REPORT**

|                              |   |                               |              |
|------------------------------|---|-------------------------------|--------------|
| Sample ID : W/02/24/0490     | Report No. W/02/24/0490   | Report Date                   | 02/03/2024   |
| Name and address of Customer | <b>Laxmi Organic Industries Ltd. (Unit -I)</b><br>Plot No. A - 22/2/3, MIDC Mahad,<br>Dist. Raigad - 402309,<br>Maharashtra |                               |              |
| Sampling done by             | Customer  | Sample Description / Type     | Ground Water |
| Sampling Location            | Plant Area  | Date - Receipt of Sample      | 26/02/2024   |
| Sample Quantity / Packing    | 5 L x 1 no. plastic can<br>250 ml x 1 no. sterile glass bottle  | Date - Start of Analysis      | 26/02/2024   |
| Order Reference              | P.O.No. 4300013462 dated 18.04.2023   | Date - Completion of Analysis | 01/03/2024   |

| Sr.No.   | Parameter                                | Result             | Acceptable Limit as per IS 10500:2012 | Unit    | Method                                 |
|--|--|--------------------|---------------------------------------|---------|--|
| <b>Chemical Testing; Group: Water, Residues in Water</b> |  |                    |                                       |         |  |
| <b>Physical &amp; Chemical Parameters</b>                |  |                    |                                       |         |  |
| 1  | pH value (at 25°C)                       | 7.37               | 6.5-8.5                               | -       | IS 3025 (Part II): 2022                |
| 2  | Electrical Conductivity (at 25°C)        | 184                | Not specified                         | µmho/cm | IS 3025 (Part I4):1984                 |
| 3  | Turbidity                                | BLQ<br>(LOQ:0.2)   | Max. 1                                | NTU     | IS 3025 (Part 10): 2023                |
| 4  | Total Dissolved Solids                   | 102                | Max.500                               | mg/L    | IS 3025 (Part 16): 2023                |
| 5  | Total Suspended Solids                   | 8                  | Not specified                         | mg/L    | IS 3025 (Part 17): 2022                |
| 6  | Biochemical Oxygen Demand (3 days, 27°C) | BLQ (LOQ:1)        | Not specified                         | mg/L    | IS 3025 (Part 44): 1993                |
| 7  | Chemical Oxygen Demand                   | BLQ (LOQ:5)        | Not specified                         | mg/L    | IS 3025 (Part 58):2006                 |
| 8  | Chloride (as Cl)                         | 13                 | Max. 250                              | mg/L    | IS 3025 (Part 32):Method No.2: 1988    |
| 9  | Copper (as Cu)                           | BLQ<br>(LOQ:0.02)  | Max. 0.05                             | mg/L    | IS 3025 (Part 2):2019/ISO 11885:2007   |
| 10   | Iron (as Fe)                             | 0.467              | Max.1.0                               | mg/L    | IS 3025 (Part 2):2019/ISO 11885:2007   |
| 11   | Manganese (as Mn)                        | BLQ<br>(LOQ:0.02)  | Max. 0.1                              | mg/L    | IS 3025 (Part 2):2019/ISO 11885:2007   |
| 12   | Nitrate (as NO <sub>3</sub> )            | 0.5                | Max.45                                | mg/L    | APHA,24th Ed.,4500- NO3.B, 434: 2023   |
| 13   | Sulphate (as SO <sub>4</sub> )           | 10.4               | Max. 200                              | mg/L    | IS 3025 (Part 24)/Sec-I: 2022          |
| 14   | Total Hardness (as CaCO <sub>3</sub> )   | 82                 | Max. 200                              | mg/L    | IS 3025 (Part 21), Method No.5: 2009   |
| 15   | Calcium Hardness (as CaCO <sub>3</sub> ) | 42                 | Not specified                         | mg/L    | IS 3025 (Part 40): 2004                |
| 16   | Total Phosphate (as P)                   | BLQ<br>(LOQ:0.1)   | Not specified                         | mg/L    | APHA,24th Ed.,4500- P.E,486: 2023      |
| 17   | Sodium (as Na)                           | 3.8                | Not specified                         | mg/L    | IS 3025 (Part 45): 2019                |
| 18   | Potassium (as K)                         | 0.57               | Not specified                         | mg/L    | IS 3025 (Part 45): 2019                |
| 19   | Zinc (as Zn)                             | BLQ<br>(LOQ:0.05)  | Max. 5                                | mg/L    | IS 3025 (Part 2): 2019/ ISO 11885:2007 |
| 20   | Cadmium (as Cd)                          | BLQ<br>(LOQ:0.002) | Max. 0.003                            | mg/L    | IS 3025 (Part 2):2019/ISO 11885:2007   |
| 21   | Lead (as Pb)                             | BLQ<br>(LOQ:0.008) | Max. 0.01                             | mg/L    | IS 3025 (Part 2): 2019/ ISO 11885:2007 |
| 22   | Nickel (as Ni)                           | BLQ<br>(LOQ:0.01)  | Max. 0.02                             | mg/L    | IS 3025 (Part 2):2019/ISO 11885:2007   |
| 23   | Chromium (Total) (as Cr)                 | BLQ<br>(LOQ:0.02)  | Max. 0.05                             | mg/L    | IS 3025 (Part 2):2019/ISO 11885:2007   |

  
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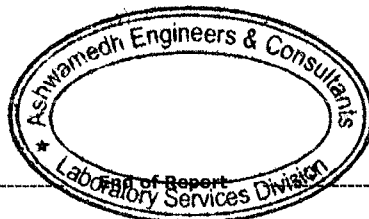


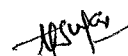
  
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AnnEXURE-VI

| Sample ID : W/02/24/0490  |                  | Report No. W/02/24/0490 |                                       | Report Date       |                                      | 02/03/2024 |  |
|---|------------------|-------------------------|---------------------------------------|-------------------|--------------------------------------|------------|--|
| Sr.No.  | Parameter        | Result                  | Acceptable Limit as per IS 10500:2012 | Unit              | Method                               |            |  |
| 24  | Cobalt (as Co)   | BLQ<br>(LOQ:0.002)      | Not specified                         | mg/L              | IS 3025 (Part 2):2019/ISO 11885:2007 |            |  |
| Biological Testing; Group: Water                                  |                  |                         |                                       |                   |                                      |            |  |
| Bacteriological Parameters  |                  |                         |                                       |                   |                                      |            |  |
| 25  | Total Coliforms  | <1.8                    | Not specified                         | MPN Index /100 ml | APHA, 24th Ed. 9221-B, 1134: 2023    |            |  |
| 26  | Faecal Coliforms | <1.8                    | Not specified                         | MPN Index /100 ml | APHA, 24th Ed., 9221-E, 1142: 2023   |            |  |
| BLQ: Below Limit of Quantification, LOQ: Limit of Quantification. |                  |                         |                                       |                   |                                      |            |  |

  
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ANNEXURE - VI

### NOISE LEVEL MEASUREMENT REPORT

|                              |  |                          |               |
|------------------------------|--|--------------------------|---------------|
| Sample ID: N/02/24/5672      | Report No.: N/02/24/5672   | Report Date              | 24/02/2024    |
| Name and Address of Customer | <b>Laxmi Organic Industries Ltd. Unit -I</b><br>Plot No. A-22/2/3 MIDC Mahad,<br>Dist: Raigad 402309 |                          |               |
| Monitoring Done By           | Laboratory   | Sample Description /Type | Ambient Noise |
| Order Reference              | PO NO.4300013462 Dated 18.04.2023  | Date-Monitoring          | 16/02/2024    |

#### Chemical Testing; Group: Atmospheric Pollution

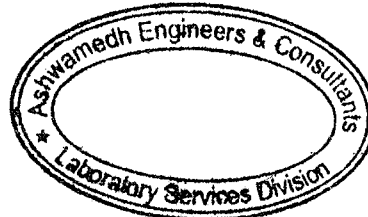
| Location  | Time (h) | Results Noise Level dB (A) Day | Time (h) | Results Noise Level dB (A) Night | Method  |
|---|----------|--------------------------------|----------|----------------------------------|---|
| Near Main Gate (Announcement Off)   | 09:40    | 67.1                           | 20:10    | 62.7                             | CPCB Protocol for Ambient Level Noise Monitoring, July.2015 |
| Near Main Gate (Announcement On)  | 09:30    | 68.3                           | 20:00    | 63.9                             |   |
| Opposite Cycle Stand (Announcement Off)   | 09:55    | 63.1                           | 20:20    | 59.7                             |   |
| Opposite Cycle Stand (Announcement On)  | 09:50    | 64.8                           | 20:15    | 61.7                             |   |
| Near Fire Hydrant Water Tank Opposite Cycle Stand (Announcement Off)  | 10:05    | 66.6                           | 20:35    | 64.2                             |   |
| Near Fire Hydrant Water Tank Opposite Cycle Stand (Announcement On)   | 10:00    | 68.3                           | 20:30    | 65.9                             |   |
| Behind Ethyl Acetate Storage Tank-1601 Near Fire Hydrant Water Tank Opposite Cycle Stand (Announcement Off) | 10:25    | 66.3                           | 20:50    | 63.8                             |   |
| Behind Ethyl Acetate Storage Tank-1601 Near Fire Hydrant Water Tank Opposite Cycle Stand (Announcement On)  | 10:20    | 68.1                           | 20:45    | 65.4                             |   |
| Maintenance Work Shop (Announcement Off)  | 10:40    | 66.1                           | 21:05    | 63.9                             |   |
| Maintenance Work Shop (Announcement On)   | 10:35    | 68.3                           | 21:00    | 65.5                             |   |

#### Limit

#### As Per the Noise Pollution (Regulation & Control) Rules, 2000 (Rules 3 (1) and 4(1))

| Area Type  | Limits in dB (A) weighted scale |                           |
|------------|---------------------------------|---------------------------|
|            | Day (6 a.m. to 10 p.m.)         | Night (10 p.m. to 6 a.m.) |
| Industrial | 75                              | 70                        |

  
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-----End of Report-----

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