



श्री संत तुकाराम सहकारी साखर कारखाना लिमिटेड  
कासारसाई - दारुंब्रे, पो.कासारसाई, ता.मुळशी, जि.पुणे - ४१० ५०६.  
रजि.नं. : पीएनए/एमयुएल/पीआरजी/ए/३५(एस) १९९० दि.: २२/५/९०  
जी.एस.टी.नं.: 27AACAS2897Q1ZK

**SHRI SANT TUKARAM SAHAKARI SAKHAR KARKHANA LTD.**  
Kasarsai, Darumbre, Post - Kasarsai, Taluka - Mulshi, Dist. Pune - 410 506  
Reg.No. PNA/MUL/PRG/A/35(S) / 1990 Date : 22-5-1990  
GST No. : 27AACAS2897Q1ZK

REF.NO. SSTSSK/DISTILLERY/001703/2024-25

DATE - 26/09/202

To,

**The Integrated Regional Office**

MoEFCC; Regional Office (WCZ),

Ground Floor, East Wing,

New Secretariat Building,

Civil Lines, Nagpur - 440001

**Sub. :** Submission of Six Monthly environmental compliance report for the period October 2023 - March 2024 & April 2024 - September 2024 w.r.t Establishment of 45 KLPD Molasses based Distillery Unit by - M/s. Shri Sant Tukaram Sahakari Sakhar Karkhana Limited.( SSTSSKL), located at At. Kasarsai- Darubre, Tal: Mulshi, Dist: Pune, Maharashtra.

**Ref. :** Environmental Clearance granted by (MOEFCC); issued by the SEIAA, Maharashtra was granted EC Identification No. -EC23B000MH148691 dated 18.05.2023

**Respected Sir,**

This has reference to Environmental Clearance (EC) granted to Establishment 45 KLPD Molasses based Distillery Unit by - M/s. Shri Sant Tukaram Sahakari Sakhar Karkhana Limited.( SSTSSKL), located at At. Kasarsai- Darubre, Tal: Mulshi, Dist: Pune, Maharashtra.

As per General Conditions No. II in the EC letter, we are submitting six-monthly compliance Report for the period of October 2023 - March 2024 & April 2024 - September 2024.

We hope the details furnished by us are in accordance with your requirements.

Thanking you,

Yours faithfully,



**Managing Director**

ENVIRONMENTAL  
CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive,  
and Virtuous Environmental Single-Window Hub)



Government of India  
Ministry of Environment, Forest and Climate Change  
(Issued by the State Environment Impact Assessment  
Authority(SEIAA), Maharashtra)

To,

The MD  
SHRI SANT TUKARAM SSK LTD  
Kasarsai, Darumbre -410506

**Subject:** Grant of Environmental Clearance (EC) to the proposed Project Activity  
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)  
in respect of project submitted to the SEIAA vide proposal number  
SIA/MH/IND2/82466/2020 dated 10 Sep 2022. The particulars of the environmental  
clearance granted to the project are as below.

- |   |                           |
|---|---------------------------|
| 1. EC Identification No.                      | EC23B000MH148691          |
| 2. File No.                                   | SIA/MH/IND2/82466/2020    |
| 3. Project Type                               | New                       |
| 4. Category                                   | B1                        |
| 5. Project/Activity including<br>Schedule No. | N/A                       |
| 6. Name of Project                            |                           |
| 7. Name of Company/Organization               | SHRI SANT TUKARAM SSK LTD |
| 8. Location of Project                        | Maharashtra               |
| 9. TOR Date                                   | 23 Jul 2021               |

The project details along with terms and conditions are appended herewith from page  
no 2 onwards.

Date: 18/05/2023

(e-signed)  
Pravin C. Darade , I.A.S.  
Member Secretary  
SEIAA - (Maharashtra)

*Note: A valid environmental clearance shall be one that has EC identification  
number & E-Sign generated from PARIVESH. Please quote identification  
number in all future correspondence.*

*This is a computer generated cover page.*



## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/IND/82466/2020  
Environment & Climate Change  
Department  
Room No. 217, 2<sup>nd</sup> Floor,  
Mantralaya, Mumbai- 400032.

To  
Shri Sant Tukaram Sahakari Sakhar Karkhana Ltd.  
A/p: Kasarsai-Darumbre, Tal.: Mulshi, Dist.: Pune

Subject : Environment Clearance for Establishment of 45 KLPD Molasses based Distillery located A/p: Kasarsai-Darumbre, Tal.: Mulshi, Dist.: Pune, Maharashtra by Shri Sant Tukaram Sahakari Sakhar Karkhana Ltd.

Reference : Application no. SIA/MH/IND/82466/2020

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-1 in its 230<sup>th</sup> meeting under screening category 5(g) as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 258<sup>th</sup> (Day-1) meeting of State Level Environment Impact Assessment Authority (SEIAA).

### 2. Brief Information of the project submitted by you is as below:-

| No. | Particulars Required   | Details   |
|-----|--|---|
| 1   | Name of the project & Address along with all corner latitude and longitude                                       | <b>Shri Sant Tukaram Sahakari Sakhar Karkhana Ltd. (SSTSSKL),</b><br>A/p: Kasarsai-Darumbre, Tal.: Mulshi, Dist.: Pune, Maharashtra State.<br>1. Latitude: 18°38'40.24"N, Longitude: 73°41'0.77"E<br>2. Latitude: 18°38'15.04"N, Longitude: 73°40'48.14"E<br>3. Latitude: 18°38'17.91"N, Longitude: 73°41'10.22"E<br>4. Latitude: 18°38'34.82"N, Longitude: 73°41'10.47"E |
| 2   | Type of Organization (Private / Government / Semi Government etc.)   | <b>Other</b>  |
| 3   | Correspondence Address and contact details of Project Proponent.   | <b>Address:</b> A/p: Kasarsai-Darumbre, Tal.: Mulshi, Dist.: Pune, Maharashtra State.<br><br><b>Contact Details:</b><br><b>Shri. Sahebrao G. Pathare</b> (Managing Director)  |
| 4   | Type of project (ToR / EC / Amendment in ToR / Amendment in EC / Revalidation / Expansion / Process change etc.) | Establishment   |
| 5   | Category of project as per EIA Notification 2006 amended from time to time (Pl. mention category A,B,B1,B2 etc.  | The project comes under <b>B1 Category</b> as per EIA Notification 2006 amended & its amendment dated June 2019.  |

|    |   |  |                                      |
|----|---|--|--------------------------------------|
|    | whichever is applicable)  |  |                                      |
| 6  | If earlier ToR is obtained pl. mention details (ToR letter No. & Date, SEAC / EAC Meeting No.)                            | <b>ToR Letter No.:</b> SIA/MH/IND3/58227/2020<br><b>Date:</b> 23.07.2021<br><b>SEAC Meeting:</b> 200 <sup>th</sup> SEAC dated 14.06.2021<br><b>SEIAA Meeting:</b> 224 <sup>th</sup> SEIAA dated 13.07.2021   |                                      |
| 7  | If earlier EC is obtained pl. mention EC Number & Date.   | Presently 3000 TCD Sugar Factory & 15 MW Co-generation Plant are in operation. Proposed establishment of Distillery shall be carried out at existing premises of SSTSSKL. Existing units of sugar factory & co-gen plant have been granted Consent to Operate (CTO) by MPCB.   |                                      |
| 8  | Whether the proposal is a violation case (yes/no)   | No   |                                      |
| 9  | Applicability of CRZ clearance (yes/no)   | No   |                                      |
| 10 | Whether General / Specific Conditions are applicable to the project (Yes/No) If yes pl. give details.                     | No   |                                      |
| 11 | Whether Scrutiny fees paid as per SEIAA guidelines (Yes/No); If yes pl give payment details                               | Yes.<br>Payment: Rs. 4,00,000/- on 01.03.2021 vide RTGS (UTR No.: MAHBRS2021030109416339) through Bank of Maharashtra, Marunji Branch, Pune.   |                                      |
| 12 | Name of accredited Environmental Consultant & address along with Accreditation No. & Validity.                            | <b>Accredited Environmental Consultant:</b> Equinox Environments India Pvt. Ltd.<br><b>Address:</b> F-11, Namdev Nest, 1160-B, 'E' ward, Sykes Extension, Opp. Kamala College, Kolhapur- 416 001.<br><b>Accreditation No.:</b> NABET/EIA/2124/SA-0177 valid till 10.10.2024.   |                                      |
| 13 | Name of layout plan approving Authority   | --   |                                      |
| 14 | Estimated cost of Project (in Rs. Lakhs)  | Rs. 8124 Lakhs   |                                      |
| 15 | Area of project (in Sq.m.)  | 3, 80,200 Sq.M   |                                      |
| 16 | Whether 33% green belt is provided (Yes/No)   | Yes  |                                      |
| 17 | Area of Green Belt & No. of trees in the proposed project in Sq.M.(Pl. provide 2000 trees per hectare of green belt area) | <b>Area of Green Belt:</b> Industry has already developed green belt 30,000 Sq. M. which accounts for 8% of total plot area. SSTSSKL will augment the 25% of green belt on an area of 95,466 Sq. M. Hence, ultimately total green belt after distillery establishment will be 1,25,466 Sq. M which accounts for 33 % of total plot area.<br><br>Existing No. of Trees: 3,700<br>Proposed Trees: 27,650 |                                      |
| 18 | Width of internal roads and turning radius  | Width of internal roads: 6 M<br>Turning Radius: 9 M  |                                      |
| 19 | Details of proposed construction  | <b>Total Built-up Area (in Sq.M)</b>   | 15,269.50 Sq.M                       |
|    |   | <b>No. of Buildings &amp; its height in meter</b>  | Existing 9 nos. with max 60 M height |
| 20 | <b>List of Raw materials &amp; Storage Details (Pl. add on in the list if necessary)</b>                                  |  |                                      |



| Sr. No. | Name of Raw material | Consumption (MT/M) | Maximum Storage Details (MT/Wk) | Hazard category        | Proposed precautions to prevent accident   | Remarks   |
|---------|----------------------|--------------------|---------------------------------|------------------------|--|---|
| 1       | Molasses             | 5400               | 13,000                          | Non-Hazardous          | Dyke walls, cooling system & firefighting arrangements are provided to Molasses tanks.   | Molasses is stored in 2 MS tank with capacity 6500 MT each. Total Capacity 13000 MT. Molasses Day Tanks in Proposed Distillery 150 MT (1 No.) |
| 2       | Yeast                | 3.0                | —                               | Non-hazardous          | Stored at low temperature.   | Culture purchased & developed in 100 lit./200 lit. vessels  |
| 3       | Urea                 | 54                 | 10                              | Hazardous – category 2 | Urea is stored at dry place.   | Granules; Bags of 30-35 Kg  |
| 4       | Sugarcane            | 90,000             | -                               | Non-hazardous          | Crushed immediately  | Sugarcane is stored at cane yard.   |
| 5       | De-foaming Oil       | 153                | -                               | Non-hazardous          | De-foaming Agent is stored at ambient temperature.                                       | De-foaming oil is stored in cans of 50 lit.   |
| 6       | Lime                 | 180                | -                               | Hazardous – Category 1 | Lime should be stored at dry place.  | Lime is stored in rock form in Bags of 30-35 Kg   |
| 7       | Sulphur              | 42                 | -                               | Hazardous – category 2 | Sulphur is Stored in dry place with leakage detector & firefighting system arrangement.  | Sulphur is stored in granules in 30-35 Kg bags.   |
| 8       | Bagasse              | 23,550             | 5000 Sq.M                       | Non-Hazardous          | Bagasse is stored in yard & covered properly for dust attenuation. Additional plantation | Bagasse yard area 5,000 Sq.M area provided.   |

|  |  |  |  |  |   |  |
|--|--|--|--|--|---|--|
|  |  |  |  |  | will be done around bagasse yard; under green belt augmentation plan. |  |
|--|--|--|--|--|---|--|

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**Production Details**

| Industrial unit | Product & By-product    | Quantity (MT/M) |          |        |
|-----------------|-------------------------|-----------------|----------|--------|
|                 |                         | Existing        | Proposed | Total  |
| Distillery      | Product                 |                 |          |        |
|                 | Ethanol/ ENA/ RS (KLPM) | -               | 1350     | 1350   |
|                 | By-product              |                 |          |        |
|                 | Fusel Oil               | -               | 2.7      | 2.7    |
|                 | Carbon Di-oxide         | -               | 1020     | 1020   |
| Sugar Factory   | Sugar (11%)*            | 10,260          | -        | 10,260 |
|                 | By-product              |                 |          |        |
|                 | Bagasse (29%)*          | 27,900          | -        | 27,900 |
|                 | Molasses (4-5%)*        | 3,780           | -        | 3,780  |
|                 | Press mud (3-4%)*       | 2,880           | -        | 2,880  |
| Co-Gen Plant    | Electricity (MW)        | 15              | -        | 15     |

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**Water Consumption & Effluent generation (All units in CMD)**

- i. Source & Qty. of water requirement (in CMD): Fresh water is taken from Pauna River.  
ii. Water supply permission obtained (Yes/No) & approving Authority: Yes, Irrigation Department, Pune

**Distillery:**

| Particulars                      | Consumption (CMD) |            |            | Loss (CMD) |            |            | Effluent generation (CMD) |                 |            |
|----------------------------------|-------------------|------------|------------|------------|------------|------------|---------------------------|-----------------|------------|
|                                  | Existing          | Proposed   | Total      | Existing   | Proposed   | Total      | Existing                  | Proposed        | Total      |
| Industrial Process               | -                 | 387        | 387        | -          | 101        | 101        | -                         | Condensate- 286 | 286        |
|                                  |                   |            |            |            |            |            | -                         | Lees - 103      | 103        |
| Industrial cooling               | -                 | 63         | 63         | -          | 57         | 57         | -                         | 6               | 6          |
| Boiler                           | -                 | 42         | 42         | -          | 34         | 34         | -                         | 8               | 8          |
| Domestic Purpose                 | -                 | 05         | 05         | -          | 1          | 1          | -                         | 4               | 4          |
| Green Belt                       | -                 | 354        | 354        | -          | 354        | 354        | -                         | 0               | 0          |
| Lab & Washing, DM, Ash quenching | -                 | 15         | 15         | -          | 2          | 2          | -                         | 13              | 13         |
| <b>Total</b>                     | <b>-</b>          | <b>866</b> | <b>866</b> | <b>-</b>   | <b>552</b> | <b>552</b> | <b>-</b>                  | <b>420</b>      | <b>420</b> |

**Sugar factory & Co-gen plant:**

| Particulars                      | Consumption (CMD) |          |             | Loss (CMD)  |          |             | Effluent generation (CMD) |          |            |
|----------------------------------|-------------------|----------|-------------|-------------|----------|-------------|---------------------------|----------|------------|
|                                  | Existing          | Proposed | Total       | Existing    | Proposed | Total       | Existing                  | Proposed | Total      |
| Industrial Process               | 910               | -        | 910         | 800         | -        | 800         | 110                       | -        | 110        |
| Industrial cooling               | 390               | -        | 390         | 350         | -        | 350         | 40                        | -        | 40         |
| Boiler                           | 205               | -        | 205         | 164         | -        | 164         | 41                        | -        | 52         |
| Domestic Purpose                 | 60                | -        | 60          | 12          | -        | 12          | 48                        | -        | 48         |
| Green Belt                       | 110               | -        | 110         | 110         | -        | 110         | 0                         | -        | 0          |
| Lab & Washing, DM, Ash quenching | 46                | -        | 46          | 2           | -        | 2           | 44                        | -        | 44         |
| <b>Total</b>                     | <b>1721</b>       | <b>-</b> | <b>1721</b> | <b>1438</b> | <b>-</b> | <b>1438</b> | <b>235</b>                | <b>-</b> | <b>235</b> |

Note: In above table only other effluent to be generated apart from Raw spent wash from distillery operation is presented and same will be is treated in proposed CPU. Raw spent wash to the tune of 360 M<sup>3</sup> /Day will be generated. Same will be concentrated in Multi Effect Evaporator (MEE) and concentrated Spent wash to the tune of 74 M<sup>3</sup> /Day will be incinerated in incineration Boiler.

|    |  |   |                  |                  |
|----|--|---|------------------|------------------|
| 23 | Quantity of sewage generation (in CMD)   | 52 CMD  |                  |                  |
| 24 | Details of Sewage Treatment and Disposal of treated sewage:                    | <p>Sewage will be treated in proposed STP to be provided having capacity 60 CMD. Presently, it is collected in septic tank over flow forwarded to soak pits</p> <p>The STP consist of Bar Screen, Oil &amp; Grease Tank, Equalization Tank, Aeration Tank (MBBR), Secondary Settling Tank, Filter Feed Tank, PSF, ACF &amp; Treated Water Tank. The Treated sewage will be recycled for flushing purpose.</p> |                  |                  |
| 25 | <b>Detail of Effluent Generation (unit CMD)</b>                                |   |                  |                  |
|    | <b>Particular</b>  | <b>Existing</b>   | <b>Proposed</b>  | <b>Total</b>     |
|    | a) Qty. of Effluent generation: (CMD) (Sugar Factory & Co-gen Plant)           | 235   | -                | 235              |
|    | b) Qty. of Effluent generation: (CMD) (Distillery)                             | -   | 776<br>(360+416) | 776<br>(360+416) |
|    | c)Qty. of high TDS/COD effluent: (CMD) (Raw Spent wash/Concentrated Spentwash) | -   | 360/74           | 360/74           |
|    | d) Qty. of low TDS / COD effluent: (CMD) (Other Effluent Distillery)           | -   | 416              | 416              |
|    | e) Qty. of low TDS / COD effluent: (CMD) (Sugar Factory & Co-gen Plant)        | 235   | -                | 235              |
| 26 | Whether Zero liquid Discharge Effluent Treatment is proposed                   | Yes   |                  |                  |

|           | (Yes/No)   |   |                            |                             |                     |                  |                     |                  |       |       |     |       |      |     |       |       |  |
|-----------|--|---|----------------------------|-----------------------------|---------------------|------------------|---------------------|------------------|-------|-------|-----|-------|------|-----|-------|-------|--|
| 27        | Brief Description of Effluent Treatment scheme   | <p><b>Distillery:</b> The process effluent generated from proposed distillery would be in the form of raw spent wash, spent lees and other effluent from lab &amp; washing, boiler blow downs, cooling blow downs etc. Raw spentwash about 360 M<sup>3</sup>/D will be concentration in MEE. Concentrated spentwash @ 74 M<sup>3</sup>/D will be forwarded to incineration boiler. Other effluents viz. spent lees, MEE condensate, cooling &amp; boiler blow down and lab-wash &amp; DM backwash will be treated in proposed CPU. Treated effluent from CPU will be reused for industrial operations, thereby achieving Zero Liquid Discharge (ZLD) for process effluent.</p> <p><b>Existing Sugar Factory &amp; Co-gen Plant:</b> Effluent of 235 M<sup>3</sup>/day quantity is generated from Sugar Factory &amp; Cogeneration activities and same to be treated in existing ETP having capacity 400 CMD. Treated effluent will be used for green belt development in own factory premises thus the Sugar Factory will become a ZLD.</p> |                            |                             |                     |                  |                     |                  |       |       |     |       |      |     |       |       |  |
| 28        | Qty of treated effluent proposed to be sent to CETP (pl. mention Name of CETP and its membership Details)  | Not Applicable Since Site is located in Non-MIDC area and there is no any provision of CETP.  |                            |                             |                     |                  |                     |                  |       |       |     |       |      |     |       |       |  |
| 29        | Please mention parameters of treated effluent to be achieved as per EP Rule, 1986 and or stipulated by the SPCB  |   |                            |                             |                     |                  |                     |                  |       |       |     |       |      |     |       |       |  |
|           | <table border="1"> <thead> <tr> <th>Parameter</th><th>Inlet Concentration (Mg/L)</th><th>Outlet Concentration (Mg/L)</th></tr> </thead> <tbody> <tr> <td>PH</td><td>5-6</td><td>7-8</td></tr> <tr> <td>COD</td><td>3,000</td><td>&lt; 100</td></tr> <tr> <td>BOD</td><td>1,800</td><td>&lt; 50</td></tr> <tr> <td>TDS</td><td>1,000</td><td>&lt; 100</td></tr> </tbody> </table> | Parameter   | Inlet Concentration (Mg/L) | Outlet Concentration (Mg/L) | PH                  | 5-6              | 7-8                 | COD              | 3,000 | < 100 | BOD | 1,800 | < 50 | TDS | 1,000 | < 100 |  |
| Parameter | Inlet Concentration (Mg/L)   | Outlet Concentration (Mg/L)   |                            |                             |                     |                  |                     |                  |       |       |     |       |      |     |       |       |  |
| PH        | 5-6  | 7-8   |                            |                             |                     |                  |                     |                  |       |       |     |       |      |     |       |       |  |
| COD       | 3,000  | < 100   |                            |                             |                     |                  |                     |                  |       |       |     |       |      |     |       |       |  |
| BOD       | 1,800  | < 50  |                            |                             |                     |                  |                     |                  |       |       |     |       |      |     |       |       |  |
| TDS       | 1,000  | < 100   |                            |                             |                     |                  |                     |                  |       |       |     |       |      |     |       |       |  |
| 30        | Brief Note on proposed Rainwater harvesting scheme along with budget allocation:   | <p><b>Proposed rainwater Harvesting Details:</b></p> <ul style="list-style-type: none"> <li>• Roof top Harvesting Yield: 5097 M<sup>3</sup> (Area for Roof top Harvesting: 8,350 M<sup>2</sup>)</li> <li>• Surface Harvesting Yield: 83,965 M<sup>3</sup> (Area for Surface Harvesting: 3,40,998.50 M<sup>2</sup>)</li> <li>• RWH Quantity = 5097 + 83,965<br/>= 89,062 M<sup>3</sup> i.e., 89 ML</li> </ul> <p>Hence, the total water becoming available after rooftop and land harvesting would be = 89 ML. Same will be utilised for Green Belt, Fire Hydrant, Fugitive Dust Control, Washing &amp; Flushing. Excess RWH Qty. diverted outside plot through Storage Tank Out Lets</p> <p><b>Budge allocated: Rs. 50 Lakhs</b></p>  |                            |                             |                     |                  |                     |                  |       |       |     |       |      |     |       |       |  |
| 31        | Solid Waste management   |   |                            |                             |                     |                  |                     |                  |       |       |     |       |      |     |       |       |  |
|           | <table border="1"> <thead> <tr> <th>Sr</th><th>Type of waste</th><th>Existing Qty of generation</th><th>Proposed Qty &amp;</th><th>Total Qty &amp;</th><th>Source of Generatio</th><th>Disposal methods</th></tr> </thead> <tbody> </tbody> </table>   | Sr  | Type of waste              | Existing Qty of generation  | Proposed Qty &      | Total Qty &      | Source of Generatio | Disposal methods |       |       |     |       |      |     |       |       |  |
| Sr        | Type of waste  | Existing Qty of generation  | Proposed Qty &             | Total Qty &                 | Source of Generatio | Disposal methods |                     |                  |       |       |     |       |      |     |       |       |  |

| No |                            | (MT/M) | generation (MT/M) | generation (MT/M) | n                    |                                      |
|----|----------------------------|--------|-------------------|-------------------|----------------------|--------------------------------------|
| 1  | Boiler Ash (Distillery)    | -      | 750               | 750               | Boiler               | Potash Recovery/ Brick Manufacturing |
| 2  | Yeast Sludge               | -      | 240               | 240               | Fermentation Section | Burnt in Boiler                      |
| 3  | CPU Sludge                 | -      | 12                | 12                | CPU                  |                                      |
| 4  | Boiler Ash (Sugar Factory) | 660    | -                 | 660               | Boiler               | Used as manure                       |
| 5  | ETP Sludge                 | 6      | -                 | 6                 | ETP                  | Used as Manure                       |

**32 Hazardous Waste Generation & Disposal (As per HW Rule 2016): Distillery Unit Sugar Factory & Co-gen Plant:**

| Sr. No. | Category | Particulars      | Source of Generation (please include Name of Product) | Existing Qty of generation | Proposed Qty & generation | Total Qty & generation | Method & Disposal as per HW Rules 2016 |
|---------|----------|------------------|---|----------------------------|---------------------------|------------------------|--|
| 1       | 5.1      | Used oil         | --  | 2(MT/A)                    | -                         | 2 (MT/A)               | Authorized re-processor                |
| 2       | 33.1     | Empty containers | --  | 10 Nos./ A                 | -                         | 10 Nos./ A             | Authorized reseller                    |

**33 Fuel Consumption:**

| Sr. No. | Type of Fuel    | Consumption Qty (TPD) |          |       | Used for (Boiler / DG/Set etc)          | Ash (%)  |          |       | SO <sub>2</sub> (%) |          |       | Air pollution control/equipment provide (Yes/No) |
|---------|-----------------|-----------------------|----------|-------|---|----------|----------|-------|---------------------|----------|-------|--|
|         |                 | Existing              | Proposed | Total |   | Existing | Proposed | Total | Existing            | Proposed | Total |  |
| 1       | Bagasse (MT/D)  | 720                   | -        | 720   | Sugar & Cogen (85 TPH Boiler)           | 2.5      | -        | 2.5   | 0.05                | -        | 0.05  | Yes  |
| 2       | Bagasse (MT/D)  | -                     | 65       | 65    | Distillery (16 TPH incineration Boiler) | -        | 2.5      | 2.5   | -                   | 0.05     | 0.05  | Yes  |
| 3       | Sp. wash (MT/D) | -                     | 100      | 100   |   | -        | 17       | 17    | -                   | 0.95     | 0.95  |  |
| 4       | Coal            | -                     | 35       | 35    |   | -        | 10       | 10    | -                   | 1        | 1     |  |



|            |  | (MT/D<br>)   |  |  |                          |                                |                               |   |     |   |   |   |  |            |                                       |  |  |  |          |          |  |   |   |   |          |
|------------|--|--|--|--|--------------------------|--------------------------------|-------------------------------|---|-----|---|---|---|--|------------|---------------------------------------|--|--|--|----------|----------|--|---|---|---|----------|
|            | 5  | Diesel<br>(Lit/Hr<br>)                               | 150  | -                                      | 150                      | DG Set<br>(1500<br>KVA)        | 0.1                           | - | 0.1 | 1 | - | 1 |  |            |                                       |  |  |  |          |          |  |   |   |   |          |
| 34         | Brief Note on Air Pollution Control equipment's: - ESP for existing 85 TPH Boiler is already provided & ESP Will be provided for proposed 16 TPH Boiler.   |  |  |  |                          |                                |                               |   |     |   |   |   |  |            |                                       |  |  |  |          |          |  |   |   |   |          |
| 35         | Stack Details (Also include process vent details)  |  |  |  |                          |                                |                               |   |     |   |   |   |  |            |                                       |  |  |  |          |          |  |   |   |   |          |
|            | Sr.<br>N<br>o  | Section /<br>Unit                                    | Source<br>pollutions   | Stack<br>No.                           | Height<br>form<br>ground | Internal<br>Diameter<br>(inch) | Temperature of<br>exhaust gas |   |     |   |   |   |  |            |                                       |  |  |  |          |          |  |   |   |   |          |
|            | 1  | Existing<br>85 TPH<br>Boiler                         | PM <sub>10</sub> ,<br>PM <sub>2.5</sub> ,<br>SO <sub>2</sub> , NO <sub>x</sub> | S1                                     | 75 M                     | 4 M                            | 145°C                         |   |     |   |   |   |  |            |                                       |  |  |  |          |          |  |   |   |   |          |
|            | 1  | Proposed<br>16 TPH<br>Boiler                         | PM <sub>10</sub> ,<br>PM <sub>2.5</sub> ,<br>SO <sub>2</sub> , NO <sub>x</sub> | S2                                     | 60 M                     | 3 M                            | 145°C                         |   |     |   |   |   |  |            |                                       |  |  |  |          |          |  |   |   |   |          |
| 36         | <b>Energy</b><br>a) Source of power Supply: Existing Co-gen Plant<br>b) Maximum Demand (KVA): 10.8 MW<br>c) Whether DG sets will be provided (Yes / No): if yes: No<br><table border="1"> <tr> <th>Sr.<br/>No.</th> <th colspan="2">No. of DG Sets</th> <th>Capacity</th> </tr> <tr> <td></td> <td>Existing</td> <td>Proposed</td> <td></td> </tr> <tr> <td>1</td> <td>1</td> <td>-</td> <td>1500 KVA</td> </tr> </table> d) Please Mention if high tension line is passing through the plot: No<br>If yes, pl. give details of safety measures adopted:                                   |  |  |  |                          |                                |                               |   |     |   |   |   |  | Sr.<br>No. | No. of DG Sets                        |  | Capacity                                   |  | Existing | Proposed |  | 1 | 1 | - | 1500 KVA |
| Sr.<br>No. | No. of DG Sets   |  | Capacity   |  |                          |                                |                               |   |     |   |   |   |  |            |                                       |  |  |  |          |          |  |   |   |   |          |
|            | Existing   | Proposed   |  |  |                          |                                |                               |   |     |   |   |   |  |            |                                       |  |  |  |          |          |  |   |   |   |          |
| 1          | 1  | -  | 1500 KVA   |  |                          |                                |                               |   |     |   |   |   |  |            |                                       |  |  |  |          |          |  |   |   |   |          |
| 37         | <b>Details of use of renewable energy with budget allocation:</b><br>i. Total Energy Demand: 10.8 MW<br>ii. Proposed renewable energy source capacity: 0.5 MW<br>iii. Proposed Budget (in Rs. Lakhs): Rs. 80 Lakhs<br>iv. Timeline for implementation: By Year 2025  |  |  |  |                          |                                |                               |   |     |   |   |   |  |            |                                       |  |  |  |          |          |  |   |   |   |          |
| 38         | <b>Details of public hearing (if applicable):</b><br>Place of public hearing: Industrial site of Shri Sant Tukaram Sahakari Sakhar Karkhana Ltd. (SSTSSKL)<br>A/p: Kasarsai-Darumbre, Tal.: Mulshi, Dist.: Pune<br>i. Date of Public hearing: 05.04.2022<br><br><b>Please fill following details</b><br><table border="1"> <tr> <th>Sr.<br/>No.</th> <th>Issue raised during<br/>public hearing</th> <th>Applicant plan for its compliance/<br/>implementation</th> <th>Budget allocation<br/>for<br/>implementation</th> <th>Specific<br/>time line of<br/>compliance</th> </tr> </table> |  |  |  |                          |                                |                               |   |     |   |   |   |  | Sr.<br>No. | Issue raised during<br>public hearing | Applicant plan for its compliance/<br>implementation | Budget allocation<br>for<br>implementation | Specific<br>time line of<br>compliance |          |          |  |   |   |   |          |
| Sr.<br>No. | Issue raised during<br>public hearing  | Applicant plan for its compliance/<br>implementation | Budget allocation<br>for<br>implementation                                     | Specific<br>time line of<br>compliance |                          |                                |                               |   |     |   |   |   |  |            |                                       |  |  |  |          |          |  |   |   |   |          |

|   |   |   |   |  |
|---|---|---|---|--|
| 1 | <p>Shri Popat Eknath Rakshe Sangawade Tal Maval Dist. Pune; Informed that the polluted water from the factory goes to the local farmer's agricultural fields. It is used for cattle. The water is so polluted that all the people who come in contact with the water get itchy. This water has often killed fish. The local people have complained to the factory about this from time to time and it is of no use. They do not take the cognizance of the complaint. The polluted water of the factory flows in the local nalla and nalla meets to Pawana river water is lifted for supply to Pimpri Chichwad City. Hence the factory and the District Administration are requested to take note of this.</p> <p>Shri Rakshe further stated this waste water is in black colour and also be seen outside the factory for which immediate vigilance inspection should be carried.</p> | <p><b>Response:</b> MD of Industry replied that the waste water generated during the production process was being processed and used for agriculture/fertilizer. The fertilizer was being made available to local farmers. The industrial waste water treatment plant has been upgraded at a cost of around Rs. One Crore this year. Similarly, CPU (Condensate Polishing Unit) Plant will be implemented by the factory management. For this, advertisement has been published in the local newspaper. The industrial effluent generated during the production process will be sent to CPU plant and after treatment at CPU, it will be recycled and reused in the process. Due to this, the requirement of fresh water for the production activities will be minimized.</p> <p>Convener of the Environment Public Hearing Committee here informed Shri Rakshe that the complaint against the working project is noted and MPCB will further initiate the action</p> <p><b>Action Plan:</b> A undertaking is being submitted on stamp paper that No any effluent will be discharged outside of factory premises. Further, CPU will be installed for excess condensate.</p> | <p><b>Budget:</b> Rs. 5.0 Cr. will be earmarked for installation of CPU for treatment of excess condensate.</p> | <p><b>Timeline-</b> CPU will be installed before crushing season of 2022-23.</p> |
| 2 | <p>Shri Suresh Murkute, Marunjigaon, Tal Mulshi, Dist. Pune; How the surrounding villages will be benefited after the implementation of this project?</p>   | <p><b>Response:</b> The Managing Director of the Project replied that the sugar department of the project employs about 350 people from two neighboring villages. After commissioning of the distillery project, about 100 people will get employment opportunities that will be a direct benefit. This project will greatly increase the direct benefits. This project will greatly increase the indirect benefits. There will be an increase in local business, such as two wheeler repairing, tea stalls, pan shops. Similarly, the distillery project will increase the income of the project, hence management will be able to give additional price to the sugarcane crop of the local farmers. Just as the Co-generation project is benefitted, this distillery project will also benefit to the local people.</p>   |   |  |
| 3 | <p>Shri Umesh Agale,</p>  | <p><b>Response:</b> Convener here informed</p>  |   |  |

|   |  |  |                                |                         |
|---|--|--|--------------------------------|-------------------------|
|   | <p>Sarpanch, Darumbre Grampanchayat, Tal - Maval, Dist. - Pune; After filing the complaint a month, the officers of the industry have come and inspected the site. Contaminated water comes from our well in the village.</p>  | <p>that the objection/complaint raised is noted and officials of MPCB and Project Managing Director will visit the site and further action will be initiated if necessary. Convener further informed that as per the Presentation given by the Environment Consultant, in the proposed Distillery project, the effluent will be treated and it will be recycled and reused in the process. In the proposed project, the effluent generated will be treated in the Condensate Polishing Unit (CPU) and it will be recycled and reused in the process only. Hence, the effluent will not percolate. The company will not be allowed to generate its treated effluent outside the factory. The project is ZLD - ZERO Liquid Discharge Project.</p> <p><b>Action Plan:</b> As mentioned above under Point No.1</p> |                                |                         |
| 4 | <p>Shri Anil Waghole, Resident - Darumbre, Tal - Maval, Dist. Pune; Despite the factory being named after named after Saint Tukaram Maharaj, the Managing Director of the factory is giving false answers. Managing Director here informed that the treated effluent will be potable. The treated waste water from the project is discharged into the farmers land. The next day after watering, the crops get barren. Animals and birds cannot drink that treated wastewater. However, the project executive director should keep this in mind.</p> | <p><b>Response:</b> Convener here remarked that after the meeting, MPCB officials along with Managing Director of the Project will visit the site and further action will be initiated.</p>  |                                |                         |
| 5 | <p>Shri Vasant Sawant, Godumbre, Tal - Maval, Dist. - Pune; How many days the distillery project will be in operation?</p>   | <p><b>Response:</b> Project Environment Consultant answered that the distillery project will be in operation for the 330 days i.e. it means Eleven Months.</p>   |                                |                         |
| 6 | <p>Shri Bhumkar Wakad, Tal - Mulshi, Dist.-Pune; stated that Managing Director of the project informed that the local farmers will be benefited. If there are any local issues, it will be solved. He wished that this project should be in operation at the earliest.</p>   | <p>MD thanked Mr. Sawant for his support to project.</p>   |                                |                         |
| 7 | <p>Shri Pradip Kalokhe</p>   | <p><b>Response:</b> Environment Consultant</p>   | <p><b>Budget:</b> 25 Lakhs</p> | <p><b>Timeline:</b></p> |

|  |  |  |   |
|--|--|--|---|
|  | <p>Dehugaon Dehugaon, Tal – Haveli, Dist. – Pune. and Shri Kshetra Dehu Pratipalak Krishi Mitra, Krishi Vikas Sevak asked whether surrounding villagers will be suffered due to noise pollution of the proposed project.</p> | <p>informed that in the Distillery Project, there is no heavy noise pollution making component/machineries. The boiler will be erected at the ear – marked place which will be away from the shop floor. While exhausting the steam, high quality silencers will be installed in the project. Also in the proposed project, most advanced machineries will be installed. Hence, surrounding villagers will not suffer. Convener appealed again to all the participants to raise any doubts, views, suggestions or objections regarding the proposed project in environmental angle only. There was no response from the participants. He informed that the suggestion, views, objections raised during the meeting are noted and it will be included in the minutes of meeting. The minutes will be prepared in Marathi and in English and after approval of Chairman of the meeting, it will be submitted through MPCB Head Office along with final EIA report, writing suggestions/objections to Environment and Climate Change, Govt of Maharashtra, Mumbai. An Expert Committee will be taken further action accordingly.</p> <p><b>Action Plan:</b> For noise control during steam exhaust silencers will be provided to minimize the noise pollution</p> | <p>Before start of 2022-23 crushing season.</p> |
|--|--|--|---|

| 39      | <p>EMP (Please mention specific items proposed in EMP along with specific timeline for its implementation)</p> <p><b><u>Construction Phase:</u></b></p> <table border="1"> <thead> <tr> <th>Sr. No.</th><th>Attribute</th><th>Specific measure</th><th>Budget in (Rs. Lakh)</th><th>Remark</th></tr> </thead> <tbody> <tr> <td>1</td><td>Air</td><td>Water tank, pump- motor, piping &amp; sprinkling arrangement for fugitive dust control</td><td>2.50</td><td rowspan="6">Shall be done after grant of EC in Year 2023</td></tr> <tr> <td>2</td><td>Water</td><td>Safe Drinking water from existing unit</td><td>--</td></tr> <tr> <td>3</td><td>Noise</td><td>Barricading of the boundary with MS sheet cladding on MS frame. Rs. 600/-</td><td>3.78</td></tr> <tr> <td>4</td><td>Soil</td><td>Appropriate management of fuels, lubricants &amp; constructions- storage in existing units</td><td>--</td></tr> <tr> <td>5</td><td>Solid waste</td><td>Dust bins at strategic points</td><td>0.25</td></tr> <tr> <td>6</td><td>Hazardous waste</td><td>Empty containers of primers, paints, construction chemicals- To be stored at Hazardous Waste Storage in existing adjusant</td><td>--</td></tr> </tbody> </table> |   |                      |  | Sr. No. | Attribute | Specific measure | Budget in (Rs. Lakh) | Remark | 1 | Air | Water tank, pump- motor, piping & sprinkling arrangement for fugitive dust control | 2.50 | Shall be done after grant of EC in Year 2023 | 2 | Water | Safe Drinking water from existing unit | -- | 3 | Noise | Barricading of the boundary with MS sheet cladding on MS frame. Rs. 600/- | 3.78 | 4 | Soil | Appropriate management of fuels, lubricants & constructions- storage in existing units | -- | 5 | Solid waste | Dust bins at strategic points | 0.25 | 6 | Hazardous waste | Empty containers of primers, paints, construction chemicals- To be stored at Hazardous Waste Storage in existing adjusant | -- |
|---------|--|---|----------------------|--|---------|-----------|------------------|----------------------|--------|---|-----|--|------|--|---|-------|--|----|---|-------|---|------|---|------|--|----|---|-------------|-------------------------------|------|---|-----------------|---|----|
| Sr. No. | Attribute  | Specific measure  | Budget in (Rs. Lakh) | Remark                                       |         |           |                  |                      |        |   |     |  |      |  |   |       |  |    |   |       |   |      |   |      |  |    |   |             |                               |      |   |                 |   |    |
| 1       | Air  | Water tank, pump- motor, piping & sprinkling arrangement for fugitive dust control  | 2.50                 | Shall be done after grant of EC in Year 2023 |         |           |                  |                      |        |   |     |  |      |  |   |       |  |    |   |       |   |      |   |      |  |    |   |             |                               |      |   |                 |   |    |
| 2       | Water  | Safe Drinking water from existing unit  | --                   |  |         |           |                  |                      |        |   |     |  |      |  |   |       |  |    |   |       |   |      |   |      |  |    |   |             |                               |      |   |                 |   |    |
| 3       | Noise  | Barricading of the boundary with MS sheet cladding on MS frame. Rs. 600/-   | 3.78                 |  |         |           |                  |                      |        |   |     |  |      |  |   |       |  |    |   |       |   |      |   |      |  |    |   |             |                               |      |   |                 |   |    |
| 4       | Soil   | Appropriate management of fuels, lubricants & constructions- storage in existing units                                    | --                   |  |         |           |                  |                      |        |   |     |  |      |  |   |       |  |    |   |       |   |      |   |      |  |    |   |             |                               |      |   |                 |   |    |
| 5       | Solid waste  | Dust bins at strategic points   | 0.25                 |  |         |           |                  |                      |        |   |     |  |      |  |   |       |  |    |   |       |   |      |   |      |  |    |   |             |                               |      |   |                 |   |    |
| 6       | Hazardous waste  | Empty containers of primers, paints, construction chemicals- To be stored at Hazardous Waste Storage in existing adjusant | --                   |  |         |           |                  |                      |        |   |     |  |      |  |   |       |  |    |   |       |   |      |   |      |  |    |   |             |                               |      |   |                 |   |    |

|   |                 |   |      |  |
|---|-----------------|---|------|--|
|   |                 | unit  |      |  |
| 7 | Fuel & Energy   | To be taken from adjutant existing unit   | --   |  |
| 8 | Safety & health | Provision of PPEs, display of safety instruction, signs & awareness boards.<br>First aid kit & other facilities from existing adjutant unit | 0.75 |  |

### Operation Phase

| Sr. No | Attributes  | Specific measures   | Budget in Rs. Lakh | Time line for 1/5 implement | Responsibility                | Remarks  |
|--------|---|---|--------------------|-----------------------------|-------------------------------|--|
| 1      | Water   | Water Pollution Control (CPU, MEE, STP, OCMS)                   | 800                | After Procurement of EC     | Environmental Management Cell | Shall be implemented along with erection of production machines. |
|        | Air   | 16 TPH Incineration boiler, ESP, Stack(60M) & OCMS.             | 3000               |                             |                               |  |
| 2      | Noise   | Providing various PPEs like ear plugs and ear muffs to workers. | 30                 |                             |                               |  |
| 3      | Soil  | --  | --                 |                             |                               |  |
| 4      | Solid waste   | --  | --                 |                             |                               |  |
| 5      | Hazardous waste                                     | --  | --                 |                             |                               |  |
| 6      | Fuel & Energy                                       | Renewable Energy Source   | --                 |                             |                               |  |
| 7      | Safety & health                                     | Occupational Safety & health                                    | 30                 |                             |                               |  |
| 8      | Rain water harvesting                               |   | 50                 |                             |                               |  |
| 9      | Implementation of recommendation of LCA             | NA  | --                 |                             |                               |  |
| 10     | Implementation recommendation HAZOP/Risk Assessment | NA  | --                 |                             |                               |  |
| 11     | Environmental Monitoring                            | Environmental Monitoring & Management                           | 50                 |                             |                               |  |
| 12     | Green Belt  | Augmentation  | 50                 |                             |                               |  |



|    |  |                          |   |  |  |  |  |
|----|--|--------------------------|---|--|--|--|--|
|    | 13   | Any other please specify | - | -  |  |  |  |
| 40 | Other Relevant Information: (Pl. provide brief note on proposed project)                                     |                          |   | <ul style="list-style-type: none"> <li>• Presently, 3000 TCD sugar &amp; 15 MW cogen are in operation. SSTSSKL has decided to go for an establishment of 45 KLPD molasses based distillery unit at: Kasarsai-Darumbre, Tal.: Mulshi, Dist.: Pune, in Maharashtra State First crushing season was carried out in the year 1998-99 with crushing capacity 2500 TCD. 1<sup>st</sup> CTO for 3000 TCD sugar factory &amp; 15 MW cogeneration plant was granted on 24.02.2016. As per prevailing Acts &amp; Rules, 15 MW Cogeneration plant does not require prior Environmental Clearance (EC).</li> </ul> |  |  |  |
| 41 | Details of skill development program within Organization   |                          |   | Training to workers on firefighting, Safety etc.   |  |  |  |
| 42 | Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience) |                          |   | SSTSSKL Consist of 11 Nos. of persons including Chairman, Managing Director, Co-gen Manager, Safety Officer, Lab chemist, Support Staff, Environmental Officer.  |  |  |  |
| 43 | Details of court cases if pending in any Hon'ble court   |                          |   | Presently, No Court case is pending against the project.   |  |  |  |

3. The proposal has been considered by SELAA in its 258<sup>th</sup> (Day-1) meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

**Specific Conditions:**

**SEAC Conditions-**

1. **PP to obtain water lifting permission from the Competent Authority to lift water from Pauna River.**
2. PP to ensure that, no waste water shall go outside the premises in any form as identified in the Public Hearing. All treated waste water shall be reused/recycles within the premises.
3. PP to submit their plan to comply with the observations made in the certified compliance of existing Consent to Operate.
4. PP to complete development of mandatory green belt immediately with the provision of drip irrigation and submit photographs.
5. PP proposes to sell carbon do oxide gas by providing bottling plant for collection and storage of carbon dioxide gas. PP to ensure that no carbon dioxide gas is emitted to the atmosphere. PP to carry out demand – supply calculations of CO2 gas for beverage industry and explore alternate use of CO2 gas capture and use..
6. PP to carry out physiochemical analysis report of the compost proposed to be used as manure and obtain approval from the competent Authority so as to ensure its safe use

on agricultural land

7. PP to provide Zero Liquid Discharge Effluent Treatment PP to explore possibility to assess techno-economic feasibility of using technology for MEE such as low temperature/mechanical vapour compressor etc. so as to reduce operation cost and use of natural resources
8. PP to ensure enclosed storage with impervious flooring of all raw materials and chemicals, no open storage be practiced so as to avoid odour nuisance and its impact on the soil in case of spillage.
9. PP to submit copies of MoU executed with the brick manufacturer for disposal of boiler ash along with their quantities.
10. PP to provide asphaltting on all internal roads so as to reduce particulate matter pollution during plying of vehicles within the premises.
11. PP to submit detailed report on technical adequacy of all pollution control equipment including air, water, noise etc. as PP is not proposing any modification / augmentation for proposed expansion.
12. PP to ensure to reduce spent wash generation within 6-8 KL/KL of alcohol produced
13. PP to ensure to utilize CER fund (Rs.166 Lakhs) before the commissioning of the manufacturing activity in consultation with the District Collector.
14. PP to ensure to restrict fresh water consumption within 10 KL/KL of alcohol production
15. PP to prepare and submit detailed technical plan with application of proper technology to control odour nuisance.
16. PP to complete rain water harvesting facility before the commissioning of the manufacturing activity.

#### **SEIAA Conditions**

1. PP submitted plan approved by PMRDA for distillery plot vide BMA/CR1279/22-23/Mouje Darumbare/S.no/ Gut no 148 & 149/1, dated-24.03.2023. As per the said plan plot area is 53800.00 m<sup>2</sup>, green belt area of 17744.00 m<sup>2</sup> is provided i.e. 33%.
2. PP to undertake Miyawaki plantation of native and indigenous trees such as Banyan, Peepal, Neem, Jamun and other suitable trees as per the Forest Department, Govt. of Maharashtra circular no SaVaVi-2019/C.R.3/F-11, dated 25th June, 2019. The said plantation to be completed in the first year of operation of Environmental Clearance under expert guidance of Miyawaki experts / arborist.
3. PP to strictly observe the Solid Waste Management Rules, 2016 as amended time to time.
4. PP to strictly observe the Hazardous and Other Wastes (Management & Trans boundary Movement) Rules, 2016 as amended time to time.
5. PP to identify all sources of fugitive air pollution on site and provide pollution control measures to mitigate pollution and meet the standard parameters stipulated in the Environment (Protection) Rules, 1986 amended time to time & Air (Prevention and Control of Pollution) Act, 1981 amended time to time.
6. PP to ensure storage of chemicals as per the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 amended time to time to ensure no release of any chemical to the atmosphere and leakage to the soil.
7. PP to ensure transport, storage, handling and use of the flammable/toxic chemicals as per conditions stipulated in license/approval of the Petroleum & Explosive Safety Organization (PESO).
8. PP to obtain approval and License from the Directorate of Industrial Health & Safety (DIHS) for proposed project and implement all condition stipulated therein. PP to carry out Safety Audit as stipulated in the Maharashtra Factories Rules, 1963 and ensure compliance of recommendation of the Audit.
9. PP to provide solar energy for illumination of Administrative Building, Street Lights

and parking Area.

10. PP to ensure use of briquette /bio coal/ pellets/ or any such suitable product derived from scientific processing of appropriate stream of dry waste/agricultural waste , not less than 50 % of the total fuel requirement to the boiler.
11. PP to provide roof top Rain Water Harvesting facility.
12. PP to ensure that proposed project is a ZLD.

**General Conditions:**

- I. The project proponent shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded Environmental Clearance and copies of Environmental Clearance letter are available with the Maharashtra Pollution Control Board, website of the company and may also be seen at Website at <http://parivesh.nic.in>
- II. The project Proponent shall upload the status of compliance (soft copies) of the conditions stipulated Environmental Clearance letter including monitoring data of air, water, soil, noise etc. on their website and shall update the same periodically. The half yearly compliance report shall simultaneously be submitted to the Maharashtra Pollution Controls Board, SEIAA and the Regional Office off MoEF&CC at Nagpur, on 1<sup>st</sup> June & 1<sup>st</sup> December of each calendar year.
- III. Separate fund shall be allocated for the implementation of Environmental Management Plan along with item wise break up and specific time line for its completion. The cost shall be included as part of the project cost. The funds earmarked for the environmental protection measures shall not be diverted for other purpose and year-wise expenditure should be reported to the MPCB and the SEIAA.
- IV. A separate Environmental Management Cell with qualified personnel shall be set up for implementation of the stipulated environmental safeguards.
- V. In the event of failure of any pollution control equipment, the manufacturing activity shall be immediately stopped safely till the effective functioning of pollution control equipment's is regained.
- VI. PP to strictly follow conditions stipulated in the Consent to Establish/Operate issued by the Maharashtra Pollution Control Board.
- VII. PP to provide separate drains for storm water and effluent, and ensure that, the storm water drains are dry all the time and in no case the effluent shall mix with the storm water drain.
- VIII. Periodic Monitoring of ground water in the study area as marked in the Environmental Impact Assessment Report shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
- IX. The overall noise levels in and around the factory premises shall be kept within the prescribed standard under the Environment (Protection) Act, 1986 and Rule, 1989 as amended from time to time by providing adequate noise control measures and protective equipment's like ear muff and ear plug etc.
- X. Adequate safety measures shall be ensured to limit the risk zone within the factory premises. Leak detection system shall be installed for early detection and mitigation purpose.
- XI. PP to scrupulously follow the requirements of Maharashtra Factories Act, 1948 & Rules 1963 as amended from time to time.

XII. The Environmental Statement for each financial year ending on 31<sup>st</sup> March in Form-V as is mandated to be submitted by the Project Proponent to the concerned Pollution Control Board as prescribed under the Environment (Protection) Rule, 1989 as amended from time to time, it shall also be put on the website of the company along with the status of the compliance of the conditions stipulated in the Environmental Clearance letter.

4. The environmental 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 environmental laws in the past and whatever decision under EP Act or of the Hon'ble 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 or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

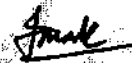
6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended time to time.

8. In case of any deviation or alteration in the project proposed from those 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 environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment 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, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

  
Pravin Darade  
(Member Secretary, SEIAA)

Copy to:

1. Chairman, SEIAA (Maharashtra), Mumbai.
2. Secretary, MoEF & CC
3. IA- Division MOEF & CC
4. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
5. Regional Office MoEF & CC, Nagpur
6. District Collector, Pune.
7. Regional Officer, Maharashtra Pollution Control Board, Pune.

Signature Not Verified

Digitally signed by Shri Pravin C. Darade, I.A.S.  
Member Secretary

**Six Monthly (October 2023 – March 2024 & April 2024 – September 2024 ) compliance report of M/s. Shri Sant Tukaram Sahakari Sakhar Karkhana Limited.( SSTSSKL)for 45 KLPD Distillery Unit.**

**A. Brief Summary of the Project**

1. **Name of Project** : **M/s. Shri Sant Tukaram Sahakari Sakhar Karkhana Limited.( SSTSSKL)**
2. **Clearance Letter No. & date** : EC identification no. EC23B000MH148691, Dated: 18-05-2023
3. **Location: District & State/UT** : At. Kasarsai- Darubre, Tal: Mulshi, Dist: Pune, Maharashtra.
4. **Address for Correspondence** : At. Kasarsai- Darubre, Tal: Mulshi, Dist: Pune, Maharashtra..

**Preamble:**

Sugar factory under title of ‘**Shri Sant Tukaram Sahakari Sakhar Karkhana Ltd.**’ (SSTSSKL) was registered on 22.05.1990. The land before establishment of the Sugar Factory procured by SSTSSKL was vacant. First crushing season of sugar factory was undertaken in the year 1998-99 with crushing capacity 2500 TCD. The capacity was further expanded by 500 TCD in the year 2016. The 15 MW cogeneration plant commissioned in the year 2015-2016. 1<sup>st</sup> CTO for 3000 TCD sugar factory & 15 MW cogeneration plant was granted on 24.02.2016. 2<sup>nd</sup> CTO for expansion of Sugar factory 3500 TCD & 15 MW cogeneration plant was granted on 22.12.2021. Now the management of **Shri Sant Tukaram Sahakari Sakhar Karkhana Ltd.** Grant the EC for establish 45 KLPD Molasses based Distillery unit.

**B. Status of Compliance of EC Conditions :**

Compliance of terms & conditions mentioned in Environmental Clearance (EC) File no. SIA-MH/IND2/82466/2020, Dated: 18-05-2023. 45 KLPD Distillery unit by M/s. Shri Sant Tukaram Sahakari Sakhar Karkhana Limited.( SSTSSKL) is presented as follows-

| No.       | Environmental Clearance Conditions   | Compliance towards the Conditions Stipulated  |
|-----------|--|---|
| <b>A</b>  | <b>Specific Conditions :<br/>SEAC Conditions-</b>  |   |
| <b>1.</b> | <b>Condition No. I</b><br>PP to obtain water lifting permission from the Competent Authority to lift water from the Pauna River. | Industry has been granted permission for freshwater withdrawal from Pauna River by Khadakwasala Irrigation Department. A copy of the Water withdrawal permission is enclosed at <b>Annexure- I.</b> |



| No. | Environmental Clearance Conditions  | Compliance towards the Conditions Stipulated   |
|-----|---|--|
| 2.  | <p><b>Condition No. II</b><br/>PP to ensure that, no waste water shall go outside the premises in any form as identified in the Public Hearing. All treated wastewater shall be reused/recycles within the premises.</p>  | <p>The process effluent generated from proposed distillery will be in the form of raw spentwash. Raw spentwash will be concentrated in MEE. Further conc. Spentwash will be forwarded to incineration boiler. Boiler Ash will be used as potash recover/ Brick Manufacturing.</p> <p>Other effluents namely spent lees, MEE condensate, cooling blow downs, lab and washing are treated in Condensate Polishing Unit (CPU). The treated CPU effluent is reused for industrial operations, thereby achieving Zero Liquid Discharge (ZLD).</p> |
| 3.  | <p><b>Condition No. III</b><br/>PP to submit their plan to comply with the observations made in the certified compliance of existing Consent to Operate.</p>  | <p>The industry has complied with all the observations made in certified compliance with existing Consent to Operate.</p> <ol style="list-style-type: none"> <li>1) The BG of <b>Rs. 5 Lakhs</b> submitted towards compliance of consent conditions of CPU vide no. 001182BG0000053 dated 18.09.2020 (valid up to 13.09.2022).</li> <li>2) The Construction of the CPU is in progress.</li> </ol>  |
| 4.  | <p><b>Condition No. IV</b><br/>PP to complete development of mandatory green belt immediately with the provision of drip irrigation and submit photographs.</p>   | <p>Acknowledged. After the commissioning of the project PP will sincerely follow the Condition.</p>  |
| 5.  | <p><b>Condition No. V</b><br/>PP proposes to sell carbon di oxide gas by providing bottling plant for collection and storage of carbon dioxide gas. PP to ensure that no carbon dioxide gas is emitted to the atmosphere. PP to carry out demand — supply calculations of C02 gas for beverage industry and explore alternate use of C02 gas capture and use.</p> | <p>Acknowledged. After commissioning of the project PP will sincerely follow the Condition.</p>  |
| 6.  | <p><b>Condition No. VI</b><br/>PP to carry out physiochemical analysis report of the compost proposed to be used as manure and obtain approval from the competent Authority so as to ensure its safe use on agricultural land</p>   | <p>Acknowledged. After commissioning of the project PP will sincerely follow the Condition.</p>  |
| 7.  | <p><b>Condition No. VII.</b><br/>PP to provide Zero Liquid Discharge Effluent Treatment PP to explore possibility to assess techno-economic feasibility of using technology for MEE such as low temperature/mechanical vapour compressor</p>  | <p>The process effluent generated from proposed distillery will be in the form of raw spentwash. Raw spentwash will be concentrated in MEE. Further conc. Spentwash will be forwarded to incineration</p>  |

| No. | Environmental Clearance Conditions   | Compliance towards the Conditions Stipulated   |
|-----|--|--|
|     | etc. so as to reduce operation cost and use of natural resources   | <p>boiler. Boiler Ash will be used as potash recover/ Brick Manufacturing.</p> <p>Other effluents namely spent lees, MEE condensate, cooling blow downs, lab and washing are treated in Condensate Polishing Unit (CPU). The treated CPU effluent is reused for industrial operations, thereby achieving Zero Liquid Discharge (ZLD).</p> <p>Presently sewage is collected in the Septic tank overflow forwarded to the soak pit.</p> <p>The effluent generated from the existing sugar factory &amp; Co-generation plant will be treated in ETP. Treated ETP will be used for green belt development in its own factory premises.</p> |
| 8.  | <p><b>Condition No. VIII</b></p> <p>PP to ensure enclosed storage with impervious flooring of all raw materials and chemicals, no open storage be practiced so as to avoid odour nuisance and its impact on the soil in case of spillage</p> | <p>The project is an agro-based industry. Sugar factory byproducts such as bagasse and molasses are utilized in cogeneration plant &amp; distillery respectively. Practices of recycle &amp; reuse will be duly followed in minimizing freshwater requirements. ZLD of effluent will be adopted. Handling of molasses will be done through closed pipelines &amp; pumps. Bagasse will handled &amp; fed to boiler through closed conveyor.</p>   |
| 9.  | <p><b>Condition No. IX</b></p> <p>PP to submit copies of MoU executed with the brick manufacturer for disposal of boiler ash along with their quantities.</p>  | <p>Acknowledged. After commissioning of the project PP will sincerely follow the Condition.</p>  |
| 10. | <p><b>Condition No. X</b></p> <p>PP to provide asphaltting on all internal roads so as to reduce particulate matter pollution during plying of vehicles within the premises.</p>   | <p>Agreed to Comply</p>  |
| 11. | <p><b>Condition No. XI</b></p> <p>PP to submit detailed report on technical" adequacy of all pollution control equipment including air, water, noise etc.as PP is not proposing any modification/augmentation for proposed expansion.</p>    | <p>Acknowledged. After commissioning of the project PP will sincerely follow the Condition.</p>  |
| 12. | <p><b>Condition No. XII</b></p> <p>PP to ensure to reduce spent wash generation within 6-8 KL/KL of alcohol produced.</p>  | <p>The spentwash generation during distillery operation is 360 KLPD which is 8 KI/Kl of alcohol. Raw spentwash will be concentrated in MEE. Further conc. Spentwash will be forwarded to incineration boiler. Boiler Ash will be used as potash recover/ Brick Manufacturing.</p> <p>Other effluents from distillery operation viz. spent lees, MEE condensate, cooling blow downs, Lab and Washing is treated in Condensate Polishing</p>   |

| No. | Environmental Clearance Conditions  | Compliance towards the Conditions Stipulated  |
|-----|---|---|
|     |   | Unit (CPU). Treated water from CPU is completely reused and no treated water is discharged outside the premises. Thereby, achieving ZLD.  |
| 13. | <b>Condition No. XIII</b><br>PP to ensure to utilize CER fund (Rs.166 Lakhs) before the commissioning of the manufacturing activity in consultation with the District Collector.  | Agreed to Comply  |
| 14. | <b>Condition No. XIV</b><br>PP to ensure to restrict fresh water consumption within 10 KL/KL of alcohol production.   | PP here by assure that fresh water consumption will not be exceed the 10KL/Kl of Alcohol production.  |
| 15. | <b>Condition No. XV</b><br>PP to prepare and submit detailed technical plan with application of proper technology to Control Odour nuisance.  | There are number of odour sources in Sugar Factory and Distillery Unit, which include molasses handling and storage, fermentation and distillation, secondary effluent treatment, storage of effluents, stale cane, bad mill sanitation, bacterial growth in interconnecting pipes & unattended drains. Measures adopted under existing unit for controlling the same are proper housekeeping, sludge management in biological ETP units, steaming of major pipe lines, regular use of bleaching powder in the drains, efficient handling, prompt & proper disposal of press mud. |
| 16. | <b>Condition No. XVI</b><br>PP to complete rain water harvesting facility before the commissioning of the manufacturing activity.   | Industry is construct the rainwater storage pond & harvested rainwater is used for green belt & firefighting purposes. Consumption of fresh water will be reduced by recycling treated effluent in the process. Photographs of Rainwater Harvesting Enclosed at <b>Annexure-II</b> .  |
|     | <b>SEIAA Conditions</b>   |   |
| 1.  | <b>Condition No.I</b><br>PP submitted plan approved by PMRDA for distillery plot vide BMA/CR1279/2223/Mouje Darumbare/S.no/ Gut no 148 & 149/1, dated-24.03.2023. As per the said plan plot area is 53800.00 no, green belt area of 17744.00 m2 is provided i.e. 33%.   | Presently, Industry has developed green belt to the tune of 30,000 Sq. M which accounts 8% of TPA. After the establishment of the distilley unit, the industry will be planning to develop 1,25,466 sq.M. Which is 33% of the total project area. Photographs of GB is attached at <b>Annexure – III</b> .  |
| 2.  | <b>Condition No. II</b><br>PP to undertake Miyawaki plantation of native and indigenous trees such as Banyan, Peeple, Neem, Jamun and other suitable frees as per the Forest Department, Govt. of Maharashtra circular no SaVaVI-2019/C.R.3/F-11, dated 25th June, 2019. The said plantation to be completed in the first | In the next half-yearly submission, PP will submit the reference documents.   |

| No. | Environmental Clearance Conditions   | Compliance towards the Conditions Stipulated   |
|-----|--|--|
|     | year of operation of Environmental Clearance under expert guidance of Miyawaki experts / arborist.   |  |
| 3.  | <b>Condition No. III</b><br>PP to strictly observe the Solid Waste Management Rules, 2016 as amended time to time.   | Agreed to Comply.  |
| 4.  | <b>Condition No. IV</b><br>PP to strictly observe the Hazardous and Other Wastes (Management & Trans boundary Movement) Rules, 2016 as amended time to time.   | Agreed to Comply   |
| 5.  | <b>Condition No. V</b><br>PP to identify all sources of fugitive air pollution on site and provide pollution control measures to mitigate pollution and meet the standard parameters stipulated in the Environment (Protection) Rules, 1986 amended time to time & Air (Prevention and Control of Pollution) Act, 1981 amended time to time. | To control fugitive emissions and to control pollution level, ESP will be used as APC equipment for 16 TPH boiler with a suitable stack.   |
| 6.  | <b>Condition No. VI</b><br>PP to ensure storage of chemicals as per the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 amended time to time to ensure no release of any chemical to the atmosphere and leakage to the soil.  | Agreed to Comply   |
| 7.  | <b>Condition No. VII</b><br>PP to ensure transport, storage, handling and use of the flammable/toxic chemicals as per conditions stipulated in license/approval of the Petroleum & Explosive Safety Organization (PESO).   | Ethanol is produced which are highly flammable liquids. Same are stored in storage tanks installed at tank farm area. The tanks farm area is provided with dyke walls, lightening arrestor, firefighting arrangement etc. as per rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989. Flame arrestors for ethanol storage tanks is provided. Foam added fire extinguishers is provided in case of spill & fire. Further, for RS & Ethanol OISD 117 Rules are also followed. Provision of PESO license is Procured vide letter no. A/P/WC/MH/15/7662(P592597) dated 29.05.2024. The PESO license is enclosed at <b>Annexure —IV</b> |
| 8.  | <b>Condition No. VIII</b><br>PP to obtain approval and License from the Directorate of Industrial Health & Safety (DIHS) for proposed project and implement all condition stipulated therein. PP to carry out Safety Audit as stipulated in the  | PP has been regularly conducted the safety audit for existing unit as stipulated in the Maharashtra Factories Rules, 1963 the latest safety audit has been carried out in Aug. 2023 from DISH approved safety Auditor.   |

| No.      | Environmental Clearance Conditions   | Compliance towards the Conditions Stipulated  |
|----------|--|---|
|          | Maharashtra Factories Rules, 1963 and ensure compliance of recommendation of the Audit.  | The industry will same follow after the commissioning of the Distillery Unit.   |
| 9.       | <b>Condition No. IX</b><br>PP to provide solar energy for illumination of Administrative Building, Street Lights and Parking Area.   | Industry is using LED based lighting for existing unit for energy conservation and environment betterment.  |
| 10.      | <b>Condition No. X</b><br>PP to ensure use of briquette [bio coal/ pellets/ or any such suitable product derived from scientific processing of appropriate stream of dry waste/agricultural waste, not less than 50 % of the total fuel requirement to the boiler.   | Presently, the Existing unit (Sugar factory & Co-generation Plant) has 85 TPH boiler, and fuel is used as bagasse. It is more than 50% of the total fuel requirement for the boiler.  |
| 11.      | <b>Condition No. XI</b><br>PP to provide a roof top Rain Water Harvesting facility.  | Industry is construct the rainwater storage pond & harvested rainwater is used for green belt & firefighting purposes. Consumption of fresh water will be reduced by recycling treated effluent in the process. Photographs of Rainwater Harvesting Enclosed at <b>Annexure-II</b> .  |
| 12.      | <b>Condition No. XII</b><br>PP to ensure that proposed project is a ZLD.   | The process effluent generated from proposed distillery will be in the form of raw spentwash. Raw spentwash will be concentraterated in MEE. Further conc. Spentwash will be forwarded to incineration boiler. Boiler Ash will be used as potash recover/ Brick Manufacturing.<br>Other effluents namely spent lees, MEE condensate, cooling blow downs, lab and washing are treated in Condensate Polishing Unit (CPU). The treated CPU effluent is reused for industrial operations, thereby achieving Zero Liquid Discharge (ZLD). |
| <b>A</b> | <b>General Conditions :</b>  |   |
| 1.       | <b>Condition No. I</b><br>The project proponent shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded Environmental Clearance and copies of Environmental Clearance letter are available with the Maharashtra Pollution Control Board, website of the company and may also be seen at Website at <a href="http://parivesh.nic.in">http://parivesh.nic.in</a> | Industry published newspaper advertisement regarding grant of EC in two local newspapers (Lokmat & The Indian Express) on 24.05.2024. Copies of Newspaper advertisements are enclosed at <b>Annexure- V</b>   |



| No. | Environmental Clearance Conditions   | Compliance towards the Conditions Stipulated  |
|-----|--|---|
| 2.  | <p><b>Condition No. II</b></p> <p>The project Proponent shall upload the status of compliance (soft copies) of the conditions stipulated Environmental Clearance letter including monitoring data of air, water, soil, noise etc. on their website and shall update the same periodically. The half yearly compliance report shall simultaneously be submitted to the Maharashtra Pollution Controls Board, SEIAA and the Regional Office off MoEF&amp;CC at Nagpur, on 1<sup>st</sup> June &amp; 1<sup>st</sup> December of each calendar year.</p> | <p>Acknowledged. Industry will regularly submit the Six monthly compliance report. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.</p>  |
| 3.  | <p><b>Condition No. III</b></p> <p>Separate fund shall be allocated for the implementation of Environmental Management Plan along with item wise break up and specific time line for its completion. The cost shall be included as part of the project cost. The funds earmarked for the environmental protection measures shall not be diverted for other purpose and year-wise expenditure should be reported to the MPCB and the SEIAA.</p>   | <p>Agreed to Comply</p>   |
| 4.  | <p><b>Condition No. IV</b></p> <p>A separate Environmental Management Cell with qualified personnel shall be set up for the implementation of the stipulated environmental safeguards.</p>   | <p>A separate cell of 12 well-qualified &amp; and technical personals has been by industry as well a full-fledged laboratory facility has been set up in the industry. Details of EMC are attached at <b>Annexure – VI.</b></p>   |
| 5.  | <p><b>Condition No. V</b></p> <p>In the event of failure of any pollution equipment, the manufacturing activity shall be immediately stopped safely till the effective functioning of pollution control equipment's is regained.</p>   | <p>The industry hereby assure that before taking of production Working of pollution control equipment will be monitored, proper handling; storage and disposal of dust collected, use of PPEs for staff and workers, existing green belt, water sprinkling in the premises will also done.</p>  |
| 6.  | <p><b>Condition No. VI</b></p> <p>PP to follow conditions stipulated in the Consent to Establish/Operate issued by the Maharashtra Pollution Control Board.</p>  | <p>Industry will strictly following all the stipulations made by the Maharashtra Pollution Control Board (MPCB) and the State Government.</p> <p>Complied: Industry has already received Consent to Establish dated 20.10.2021 from MPCB Vide. letter No. Format1.0/CC/UAN No. MPCB-Consent-0000164129/CO/2309000949. (45 KLPD Molasses-based Distillery unit). The consent Copy is enclosed in <b>Annexure- VII.</b></p> |

| No. | Environmental Clearance Conditions   | Compliance towards the Conditions Stipulated   |
|-----|--|--|
| 7.  | <b>Condition No. VII</b><br>PP to provide separate drains for storm water and effluent, and ensure that, the storm water drains are dry all the time and in no case the effluent shall mix with the storm water drain.   | PP agreed. Storm water collection and conveyance arrangement will be through a closed RCC pipeline will be provided in the premises. Industry provided spent wash will be carried to treatment facility through closed HDPE pipelines. Hence, mixing of spent wash with storm water will not occur.  |
| 8.  | <b>Condition No. VIII</b><br>Periodic Monitoring of ground water in the study area as marked in the Environmental Impact Assessment Report shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.  | Acknowledged. After commissioning of the project PP will sincerely follow the Condition.   |
| 9.  | <b>Condition No. IX</b><br>The overall noise levels in and around the factory premises shall be kept within the prescribed standard under the Environment (Protection) Act, 1986 and Rule, 1989 as amended from time to time by providing adequate noise control measures and protective equipment's like ear muff and ear plug etc.   | Under existing complex the industry is monitoring the overall noise levels in and around the plant area are maintained within the standards prescribed under Environment (Protection) Act, 1989 Rules. The noise levels are monitored through MoEFCC accredited lab . The same is followed after the completion of the 45 KLPD Distillery Unit construction. |
| 10. | <b>Condition No. X</b><br>Adequate safety measures shall be ensured to limit the risk zone within the factory premises. Leak detection system shall be installed for early detection and mitigation purpose.   | Industry will follow the safety measures during manufacturing process as well as in materials' handling. Leak Detection Systems are provided at various areas like tank farms, storage areas & handling areas in factory premises and same systems are connected to Fire Alarm Panel system.   |
| 11. | <b>Condition No. XI</b><br>PP to scrupulously follow the requirements of Maharashtra Factories Act, 1948 & Rules 1963 as amended from time to time.  | Acknowledged. After commissioning of the project PP will sincerely follow the Condition.   |
| 12. | <b>Condition No. XII</b><br>The Environmental Statement for each financial year ending on 31st March in Form-V as is mandated to be submitted by the Project Proponent to the concerned Pollution Control Board as prescribed under the Environment (Protection) Rule, 1989 as amended from time to time, it shall also be put on the website of the company along with the status of the compliance of the conditions stipulated in the Environmental Clearance letter. | Acknowledged. After commissioning of the project PP will sincerely follow the Condition.   |



महाराष्ट्र शासन

कार्यकारी अभियंता, खडकवासला पाटबंधारे विभाग, पुणे  
सिंचन भवन, बारण रोड, मंगळवार पेठ, पुणे - ४११ ०११.  
कार्यालय - (०२०) २६१२७३०९ / २६१२७०६२  
Email ID: eekidpune@gmail.com



" सिंचनात राष्ट्रोद्धार "

जा.क्र. खपावि/बिसि/४८५२/सन २०२४

दिनांक :- 29 JUL 2024

प्रति,

श्री संत तुकाराम सह. साखर कारखाना लि.,  
कासारसाई, ता. मुळशी, जि. पुणे

विषय : बिगरसिंचन करारनामा नूतनीकरण करणेबाबत.

संदर्भ :- १) महामंडळाचे पत्र जा.क्र. मकृखोविम/औपाक/पवना/४९६/२७ दि. २१.१२.१९९६.  
२) उपविभागाचे पत्र जा.क्र. पवना/बिसि/८०९/सन २०२४ दि. १५.०७.२०२४.

श्री संत तुकाराम सह. साखर कारखाना लि, कासारसाई, ता. मुळशी, जि. पुणे या संस्थेस, पवना नदीतून वार्षिक पाणी घेण्यास संदर्भ पत्र क्र. १ अन्वये खालीलप्रमाणे मंजूरी प्राप्त आहे.

| अ. क्र. | प्रयोजन    | निव्वळ मागणी (दलघमी) | तूट (दलघमी) | एकुण (दलघमी) |
|---------|------------|----------------------|-------------|--------------|
| १       | पिण्यासाठी | ०.१८२                | ०.०३६       | ०.२१८        |
| २       | औद्योगिक   | ०.१८०                | ०.०३६       | ०.२१६        |
| ३       | शेती       | ०.४३                 | ०.०९        | ०.५२०        |
|         | एकुण       | ०.७९२                | ०.१६२       | ०.९५४        |

सदर संस्थेचा करारनामा प्रस्ताव संदर्भ क्र. २ अन्वये विभागास प्राप्त झालेला आहे. संस्थेने २ महिन्यांची पाणीपट्टी इतकी अनामत एकूण रक्कम रु. ८,६१,२८०/- पैकी १,०८,७८०/- DD no. ९०६८९० दि. १५.०२.२०११ व ३,४८,६५०/- DD no. ०३४८९४ दि. २२.११.२०१६ व ४,०३,८५०/- DD no. ००००२६ दि. १८.१०.२०२३ अन्वये जमा केली आहे.

संस्थेस मजनिप्रा आदेश क्र. २०२२/ठो.ज.प्र.आ.२०२२/२१ दि. २९.०३.२०२२ नुसार निश्चित केलेल्या ठोक जलदराचे पुनर्ववलोकन सुधारणा आदेश व त्याप्रमाणे पाणीपट्टी दर लागू राहतील.

सदर संस्थेचा करारनामा दि. १.०१.२०२४ पासून पुढील ६ वर्षांकरिता स्वाक्षांकित करण्यात येवून सोबतच्या पत्रासोबत सादर करण्यात येत आहे.

सोबत

स्थळ प्रत मा.का.अ.यांना मान्य असे.

उपकार्यकारी अभियंता,

वरीलप्रमाणे

खडकवासला पाटबंधारे विभाग, पुणे

प्रत - उपविभागीय अभियंता, उपसा जलसिंचन उपविभाग, पवनानगर यांना माहितीसाठी व कार्यवाहीसाठी.

सोबत : करारनामा २ प्रतीत





महाराष्ट्र MAHARASHTRA

2023

CC 907612

न्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला त्यांनी त्याच सारखावाढी  
मुद्रांक खरेदी केल्यापासून ६ महिन्यात बापटवे भरवतकरीत आहे.

क्र. 28620 19 DEC 2023 पुणे  
वस्तुस्थिती प्रकार.....  
वस्तु नोंदणी करधार आहेत की होय/नाही.....  
मिलकतीचे वर्णन.....  
मुद्रांक विकत घेणाऱ्याचे नाव श्री सीत पुकाशम सहकारी  
पत्ता.....  
मुद्रांक पक्षकारी नांव सी.शे. कारखाना, कोसारसाई  
हस्ते व्यक्तीचे नाव व पत्ता श्रीतीलाल येवले, त.दा.

उप कोषागार कार्यालय  
वडगाव मावळ  
05 DEC 2023  
उप कोषागार अधिकारी  
मावळ

श्री चंद्रकांत तानाजी थिटे  
परवाना क्र. २२०८००३

मुद्रांक विकत घेणाऱ्याची सही जिजामाता चौक, तळेगांव दाभार

### AGREEMENT

(For Non-Irrigation Water supply)

Reference: - Government/Corporation Sanctioned Letter no- MKKVM/ APK/ PNNR/ (496)/27 dated 21/12/1996.

This agreement is made on the 1<sup>st</sup> day of the \_\_\_\_\_ month of the year Two Thousand Twenty Three BETWEEN



**Party I: -**

|  |  |
|--|--|
| <p><u><b>Name &amp; Address of Company</b></u><br/><u><b>with e-mail id:</b></u></p> <p>Shri Sant Tukaram Sahakari<br/>Sakhar Karakhana Ltd.,<br/>Kasarsai-Darumbre,<br/>Taluka- Mulashi,<br/>Dist. - Pune-410506.<br/>Email- <a href="mailto:santtukaramssk@yahoo.in">santtukaramssk@yahoo.in</a></p> | <p>A local self-Government Body such as Gram Panchayat / Zilla Parishad / Municipal Authorities / MIDC/MJP also A Company/Industries/ Entrepreneur / Organization/Proprietor/ Institution/ Factory /User (which expression herein after referred to as <b>"the BWUE"</b> shall, Unless excluded by or it be repugnant to the context or meaning thereof be deemed to include its successors and assigns) registered under the Indian Companies Act (VII of 1913), the companies Act 1956 (1 of 1956) and having its registered office at Kasarsai and with communication address as above and email id- <a href="mailto:santtukaramssk@yahoo.in">santtukaramssk@yahoo.in</a> hereinafter referred to as <b>"the Bulk Water User Entity (BWUE)"</b> of the one part</p> |
|--|--|

**AND**

**Party II:-**

|   |   |
|---|---|
| <p><b><i>Executive Engineer,<br/>Khadakwasla Irrigation<br/>Division, Pune.<br/>Under Water Resources<br/>Department, Maharashtra.<br/><br/>(GoM / Corporation)</i></b></p> | <p>Herein after referred to as <b>"the Bulk Water Supply Entity (BWSE)"</b> (Which expression shall unless excluded by or it be repugnant to the context or meaning thereof be deemed to include his successors and assigns) of the other Part.</p> |
|---|---|

WHEREAS the BWUE is desirous of constructing a pumping station on the BWUE's land at Sangawade for drawing water from the source Pawana river (Herein after referred to as **"the said river/ source"**) for the use by the BWUE for supplying drinking water to the residents in the jurisdiction of BWUE or for commercial purpose or for industrial purpose for the BWUE's Sugar plant (herein after referred to as **"the said Plant"**) and laying underground and surface pipes and drains for discharge of the factory effluent, if any.

AND WHEREAS the BWUE has applied to the BWSE for permission to draw 0.954 Million Cubic Meters (Mcum.) per year from the said source.





महाराष्ट्र MAHARASHTRA

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CC 907613

न्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला त्यांनी त्याच कारणासाठी मुद्रांक खरेदी केलेल्याबाबत १ महिन्यात बापटो भरून देणे आवश्यक आहे.

अनु. क्र. २४६२७ दि. १७ DEC २०२३ मु. नं. ५००१

पत्त्याचा प्रकार..... क२१२२०१५

पत्त नोंदणी करणार आहेत की ? होय/नाही.

मिळकतीचे वर्ष.....

मुद्रांक विकत घेणाऱ्याचे नांव श्री. सीत तुकाराम मुरकारे

पत्ता..... सोश्वर कारखाना, कासारसिद्धि

मुसन्दा पक्षकाराचे नांव.....

हस्ते व्यक्तीचे नाव व पत्ता..... कोतीलाल येवले, तालुका.....

*[Signature]*

श्री चंद्रकांत तानाजी धिरे  
परवाना क्र. २२०८००३

मुद्रांक विकत घेणाऱ्याची सही जिजामाता चौक, तळेगांव दाखणे



AND/OR WHEREAS the BWUE has paid Rs. Nill (Rupees...) Vide Demand Draft /Cheque No. Nill Dtd. Nill to BWSE towards the proportional cost of capital outlay of the project.

AND WHEREAS the BWSE has agreed to grant the aforesaid permission Vide Chief Engineer, Water Resources Department's Memo / झापन (Dnyapan / Memorandum) No. MKKVM/APK/PNNR/ (496) /27/ dated 21/12/1996. BWUE on the terms and conditions herein after appearing.



AND WHEREAS the BWSE has given permission vide above reference letter to the BWUE to draw 0.954 Million Cubic Meters (Mcum) per year from the said source, and under the said terms and conditions the BWUE has deposited with the BWSE a sum as follows:

- a) Rs. Nill/- (Rupees Nill Only) vide Demand Draft No. Nill Dt.   /  /   of (Bank Name and branch) Nill for irrigation potential restoration charges for curtailment of Irrigation.
- b) Rs. Nill/- (Rupees NILL Only) vide Demand Draft/No. Nill Dt.   /  /   of (Bank Name and branch )                      towards the proportional cost of capital outlay of the project. AND deposited a sum as follows

**Refundable deposits**

| Sr. No | Type of Charges                  | Demand Draft/<br>Cheque/<br>F.D.R/Bank<br>Guarantee No. | Date                                   | Amount<br>in Rs.                    | Bank Name and<br>branch Details |
|--------|----------------------------------|---|--|-------------------------------------|---------------------------------|
| 1.     | Non – Irrigation<br>Water Charge | 906890<br>034894<br>000026                              | 15/02/2011<br>22/11/2016<br>18/10/2023 | 108780.00<br>348650.00<br>403850.00 | PDCC Bank, Kasarsai.            |
| 2.     | Local Fund<br>Charge             | ---   | ---                                    | ---                                 | ---                             |

as “security” equivalent to two months BWUE’s probable annual water charges based on yearly sanctioned and as communicated in cash (below-Rs.5000/-)/ Cheque/ Demand Draft/ RTGS or a bank guarantee issued by the Scheduled/ Nationalized bank having its main/ branch office situated locally for the due observance and performance by the BWUE of the terms and conditions of this agreement; WHEREAS it has been agreed that the said amount deposited will not carry any interest.

AND WHEREAS the BWUE has read and understood the meaning of the words used in the agreement such as,

**BWSE:-** It means Bulk Water Supply Entity i.e. Water Resources Department(WRD) Government of Maharashtra, including the concerned Executive Engineer, Superintending Engineer, Chief Engineer and Executive Director of the corporation.

**GOVERNMENT:-** It means Water Resources Department (WRD) Government of Maharashtra.

**CORPORATION:-** Corporation means the River Basin Agency i.e. Vidarbha Irrigation Development Corporation (VIDC)/ Maharashtra Krishna Valley Development Corporation (MKVDC)/ Godavari Marathwada Irrigation Development Corporation (GMIDC)/ Tapi Irrigation Development Corporation (TIDC)/ Kokan Irrigation Development Corporation (KIDC).



**DEPARTMENT:-** It means Water Resources Department (WRD) Government of Maharashtra

**BWUE:-** BWUE means bulk water user entity which may be a local self Government Body such as Gram Panchayat Zilla Parishad/ Municipal Authorities/ MIDC/ MJP also company/ Industry/ Entrepreneur/ Individual/ Government or Non- Government or Semi-Government Organization/ Proprietor Institution Factory User or Any Non-Irrigation Customer

**RAW WATER:-**

**a) Water used as a raw water directly or after purification for manufacture of their final product such as**

- i. Mineral/ drinking water plants, distilleries, breweries, manufacturing plant for beverages and for beers, liquor and similar products,
- ii. ice factory, in which water is used directly or indirectly for preparation of the product

**b) Part of Raw Water used for manufacturing of Final Product such as:**

- i. Ethanol, spirit or alcohol production
- ii. Manufacture of biscuits other food items
- iii. Medicines and drugs or similar products in which part of raw water is used as their final product
- iv. Liquid and solid fertilizers, insecticides, chemicals, and other similar products in which raw water is used directly or indirectly after purification for manufacturing of the product.
- v. Any other similar products in which raw water is used directly or indirectly after purification for manufacturing of the product

Any product in which part of water is used as raw water for manufacturing of their final product.

The Raw Water Quantity for billing purpose shall be considered as follows-

**Raw water Quantity shall be calculated according to the amount of raw water used in actual production of that product. (It should not include the water used for the processing as per definition given below). To calculate this, the actual contents of water in the final products shall be considered and the raw water required to produce that content shall be taken into account. This shall be certified by any agencies like BSI/ ISI/ MPCB/ CPCB/ Patent Government Authorized Institutes /Certified Institutes by NABL, NAAC.**

**WATER USED FOR PROCESSING:-** Water used in processing for manufacture of the product which may include cooling, flushing, washing, curing or other miscellaneous activities, other than water used directly as raw water for



manufacturing of final product, for process industries, industries using water for cooling (like thermal power plants). Industries using water for boilers to produce steam. (Cogeneration in the sugarcane process industries and other similar industries)

**QUOTA:-** Quota means yearly water demand sanctioned and communicated to the BWUE by the BWSE

**YEARLY APPLICABLE DEMAND:-** Yearly Applicable demand means the water demand communicated by the BWUE for the period from 1<sup>st</sup> July to 30<sup>th</sup> June of the next year to the BWSE and sanctioned by BWSE every year in the month of May along with its bifurcation for industrial, domestic and agricultural use.

**MDDL:-** Minimum Draw Down Level in the river/ Canal/ Dam.

**RBA:-** River Basin Agency

**MWRRA:-** Maharashtra Water Resources Regulatory Authority

**CPCB:-** Central Pollution Control Board.

**MPCB:-** Maharashtra Pollution Control Board.

**MIDC:-** Maharashtra Industrial Development Corporation.

**MOEF and CC:-** Ministry of Environment and Forests and Climate Changes

**MJP:-** Maharashtra Jeevan Pradhikaran.

**DD:-** Demand Draft

**RTGS:-** Real Time Gross Settlement

**CSR:-** Corporate Social Responsibility.

**NABL:-** National Accreditation Board for Testing and Calibration of Laboratories.

**NOC:-** No Objection Certificate

It is hereby agreed by the parties to this agreement that the orders or the directions as issued by MWRRA, an authority constituted under section 3 of the MWRRA Act 2005 as amended from time to time shall be binding and applicable to the agreement and for that purpose the said directions or the orders as issued by the authority from time to time shall govern for all practical purposes for this agreement and accordingly from the relevant clauses in this agreement shall be deemed amended where ever applicable.

AND WHEREAS as the BWUE has agreed with following terms and conditions,

**NOW THIS AGREEMENT WITNESSTH AS FOLLOW:**

**A. Sanctioned quota and allied Conditions:**

1. (i) In consideration of the BWUE making payment to the BWSE as herein after specified and observing and performing the convenience and conditions herein



contained BWSE do hereby grant to the BWUE permission to draw following quota of water for the specified purpose.

**Table1.0**

| Sr. No. | Description / Use  | Source Pavana River | Sanctioned Quantity Mm <sup>3</sup> /year | Percentage with Total Sanctioned Quota |
|---------|--|---------------------|---|--|
| a.      | <b>For industrial use-</b>   |                     |   |  |
|         | 1) Water used as Raw material  |                     | -----                                     |  |
|         | 2) Water used for Processing   |                     | 0.216                                     | 22.64%                                 |
|         | 3) Water for Domestic use in Industry  |                     |   |  |
| b.      | <b>For domestic use-</b><br>(Household usage)  |                     | 0.218                                     | 22.85%                                 |
| c.      | <b>For agricultural use -</b><br>(Nursery/ Gardening) within the BWUE's premises.  |                     | 0.520                                     | 54.51%                                 |
| d.      | <b>For Commercial use-</b><br>(Hospital, Hotels, Private Hostels, Shops, Malls, Educational Institutes with/without hostel facility/Golf Course, Stadium etc.) |                     | ----                                      |  |
|         | <b>Total Sanctioned Quota (a+b+c+d): -</b>   |                     | 0.954                                     | 100%                                   |

And use the same for the purpose of the BWUE's said plant or project or for supply to residential colonies or for agricultural use (Nursery/ Gardening) for a term of **Six (6) years** commencing from the 01/11/2023 on the following terms and conditions.

11/01/2024

- (ii) In case if the BWUE is in developing stage, and they do not require total sanctioned quota at the time of this agreement, then it will be binding on the BWUE to develop the project and utilize their sanctioned quota to the full extent within 3 years from the date of Chief Engineer, Water Resources Department's Memo/ स्मरण (Dnyapan/ Memorandum) mentioned above. **If the BWUE fails to do so, and the BWUE desires to continue their water reservation beyond 3 years, then a separate permission for continuation of the sanction of quota shall be obtained from respective Chief Engineer, by making an application**



along with a non- refundable Reservation Continuation Request Fee equivalent to the Refundable Deposits mentioned herein above. Such an application shall be made by the BWUE 6 months prior to completion of the said 3 years from the date of chief Engineer's Memo/ झापन (Dnyapan/Memorandum) mentioned herein above, otherwise the quota reservation will be deemed to be invalid the agreement will become null and void.

- (iii) The industrial water requirement, the domestic water requirement and agricultural water requirement (Nursery/ Gardening) of the BWUE as demanded deemed to be separate and independent for the sole purpose and water charges assessment shall be accordingly separate and independent for other clauses of this agreement. The BWUE shall recycle the used water to fulfill their Nursery/ Gardening water requirement. However, if BWUE demands for fresh water to cater their Nursery/ Gardening requirements then water will be charged as per appropriate rates of MWRRA.

2. The permission hereby granted shall be subject to the provisions of the Maharashtra Irrigation Act 1976, MWRRA Act 2005, and MWRRA order No.9/2017, dated 22/09/2017, & Tariff Order dt.29/03/2022 with subsequent revisions if any, in force and any executive orders issued in this on behalf of Government and any statutory amendment thereof from time to time and for the time being in force and the same will be applicable to the BWUE from the date of issue of the order.

3. Nothing herein contained shall be deemed to imply any guarantee on the part of the BWSE as to the availability or otherwise of any specific quantity of water and BWSE shall not be responsible for the non-supply or inadequate supply of water on any account whatsoever. However, in case of inadequate or non-supply due to shortage of water or reason beyond the control of the BWSE, the bill shall be charged as per actual quantity of water lifted/supplied during such period including transmission losses.

4. The BWUE shall use the water drawn from the said river/ source for purposes of Industrial use for the BWUE's said Project/plant and/or for supply to the residential colonies constructed by the BWUE within the area of said Project/plant for providing housing to its employees and workers (hereinafter referred to as "the said residential colonies"). The BWUE shall not sale the water from the said river/source to any other person, firm or BWUE, corporation or other body. In the event of the BWUE selling water drawn from the said river/source, then BWSE without prejudice to its right will forthwith cancel the agreement and revoke the sanction of water quota. BWSE shall be entitled to recover from the BWUE the proceeds of any such sale made by the BWUE.

As regards water supply to MIDC this Clause of resale of water will not be applicable to the extent of the water supplied by them to the industrial units and



residential colonies in their jurisdiction. But, for any purpose other than the above. If MIDC desires to supply water then the prior permission of the BWSE in Water Resources Department is obligatory. Water supply made by MIDC without prior permission will be charged at 3 times applicable Industrial water rates retrospectively as per MWRRA order dt.29.03.2022 and subsequent revisions.

5. If BWUE are found to be supplying water from its drinking water entitlement to Industrial users without prior approval of BWSE, such water use will be charged at 3 times applicable Industrial water rates retrospectively as per MWRRA order dt. 29.03.2022 and subsequent revisions.

6. BWSE shall be entitled to utilize water of the said river/ source available after meeting the reasonable requirements of the BWUE for any other suitable purpose, and the decision of the BWSE shall be final and binding on the BWUE for such purpose as BWSE deem fit.

7. The permission hereby granted shall not in any manner prejudicially affect the existing water rights vested in the upstream /downstream riparian owners, nor shall it in any way, prejudice BWSE's rights to here after launch or implement in public interest any new scheme or schemes on its own, or in connection with the present source of river channel of water supply available to the BWUE, subject however to the safeguarding of its reasonable demand referred to in clause (6) above.

8. The BWUE shall not construct the pickup weir in the river bed of the said river unless the proposals, plans, drawings, specifications, estimates and all other details thereof are previously submitted to and approved in writing by an officer authorized in that behalf by the BWSE and while granting its approval to the construction of the pickup weir, BWSE may impose such conditions as it may in its discretion think fit. The foot valve of suction pump shall be kept at a level such that, in case the water level in the river/ reservoir goes below the sump level of river or below MDDL of the reservoir, the BWUE shall make its own arrangement at his own cost to draw water.

9. The cost of all works in connection with the arrangements for water supply including the cost of measuring devices and its installation and maintenance shall be borne by the BWUE.

10. As per Para 7.2 of MWRRA Order no.9/2017, dated. 22/09/2017, Corporation (RBA) shall limit the entitlements after reviewing the conditions laid down in environmental clearance given by competent authority and the water that can be made available from rainwater harvesting, recycling etc. wherever recycling is possible, the entitlement shall only be for top-up requirements.

11. In case of emergency/ drought/ any natural calamities occurs, BWSE reserves the right to issue interim order to the BWUE to make arrangement from their said source to allow supply of drinking water by tanker or any other means.



certain stipulated period. In such case no claim will be entitled from the BWUE. The BWUE's water use in such emergency period will be treated as work of Corporate Social Responsibility (CSR).

12. The said Security deposit sum of Rs. 861280/- deposited in the form of Demand Draft/ Cheque/ F.D.R/Bank Guarantee/ cash (below 5000/-) by the BWUE with the Executive Engineer, Khadakawasla Irrigation Division, Pune to the BWSE as aforesaid shall be held by the BWSE as security for the due observance and performance by the BWUE of the covenants, terms and conditions herein contained.

**Table 2.0**  
**Refundable deposits**

| Sr. No | Type of Charges             | Demand Draft/ Cheque/ F.D.R /Bank Guarantee No. | Date                                   | Amount Rs.                          | Bank Name and branch Details |
|--------|-----------------------------|---|--|-------------------------------------|------------------------------|
| 1.     | Non Irrigation water Charge | 906890<br>034894<br>000026                      | 15/02/2011<br>22/11/2016<br>18/10/2023 | 108780.00<br>348650.00<br>403850.00 | PDCC Bank Kasarsai           |
| 2.     | Local Fund Charge           | ----  | -----                                  | -----                               | -----                        |

In case of default on the part of the BWUE to perform and observe any of the said covenants terms and conditions it shall be lawful for the BWSE in his absolute discretion to forfeit the whole of the security deposit or any part thereof without prejudice nevertheless to any rights and remedies which the BWSE may have against the BWUE under these presents for such breach and the BWUE shall forthwith pay up the amount so forfeited and shall always maintain the original amount of deposit throughout the period of this agreement. On the expiry of the terms of this agreement, the said security deposit of Rs. 861280 /- or such part thereof as shall not have been appropriated as aforesaid shall be refunded to the BWUE.

13. All amounts due to the BWSE by the BWUE under this agreement shall be deemed to be arrears of land revenue and may without prejudice to any other rights and remedies of BWSE be recovered from the BWUE as arrears of land revenue.

#### **B. Water Source & its Measurements:**

1. Water supply as per the sanctioned quota shall be commenced only after installation of the SCADA based ultrasonic flow meter with SMS facility. For ascertaining the quantity of water drawn by the BWUE, the BWUE shall forthwith at its own cost and after obtaining prior approval in writing thereto of the Executive Engineer, install independent pipelines fitted with separate SCADA



based ultrasonic flow meter with SMS facility, as above for use of water for the said independent intention (herein after referred to as "The said ultrasonic measuring devices with SMS facility") at such places as indicated by the Executive Engineer.

2. All the Pumping/ pipeline layouts showing locations of the metering equipment from the said river/source for different purposes shall be got jointly verified and got approved from Executive Engineer, WRD. Also, the layout from the said river/source shall be got approved from Executive Engineer. **No changes in the approved layout shall be made without the prior written approval from the Executive Engineer.** All the Pipe Layout components within the premises of the BWUE shall be open for inspection at any given time. As far as possible, the water pipeline of different use such as raw water, processing, and domestic and gardening shall be kept open. Pipeline shall not be made underground from the point of separation OR pipeline entrance in the premises whichever is nearest from the Intake well.
  - a. According to the usage bifurcation, there should be a separate distribution pipeline and water meters for each type of usage starting from entrance of premises to the actual water use point.
  - b. The pipelines shall be color-coded as follows as per sanctioned bifurcations:

| Sr. No. | Usage Type  | Pipeline color-code |
|---------|---|---------------------|
| a.      | <b>For industrial use-</b>  |                     |
| 1       | Water used as Raw material  | Red                 |
| 2       | Water used for Processing   | Yellow              |
| 3       | Water for Domestic use in Industry  | Blue                |
| b.      | <b>For domestic use in Households-</b>  | White               |
| c.      | <b>For agricultural use -</b><br>(Nursery/ Gardening) within the BWUE's premises. | Green               |
| d.      | <b>For Commercial use-</b>  | Orange              |

- c. The meters shall be fitted near intake well, just before separation of pipelines inside the premises of the User and before the end use.
- d. The sanctioned quantity mentioned in Table 1.0 of clause A1 (i) shall be used for the particular prescribed purpose only. If any diversion is noticed then it will be charged at 2 times the highest rates.
- e. The difference if any, between the water quantity actually lifted from the source and the water quantity that reaches to BWUE premises for distribution



of raw water to different categories viz., Raw, Process, Drinking, etc. as per quota sanctioned by BWSE shall be charged at the highest rate applicable at that time as per approved tariff plan from time to time.

**Sample calculations;**

1. Quantity lifted at source = (X) m<sup>3</sup> 0.954 Mm<sup>3</sup>
2. Quantity after distribution to usage units
  - a. Quantity For industrial use as Raw material = (a1) m<sup>3</sup> ---
  - b. Quantity For industrial use for processing = (a2) m<sup>3</sup> 0.216Mm<sup>3</sup>
  - c. Quantity For Domestic use in Industry = (a3) m<sup>3</sup> ---
  - d. Quantity For Domestic use in Households = (b) m<sup>3</sup> 0.218Mm<sup>3</sup>
  - e. Quantity For Agricultural use = (c) m<sup>3</sup> 0.520Mm<sup>3</sup>
  - f. Quantity For Commercial use = (d) m<sup>3</sup> ---

$$\text{Where } Y = (a1)+(a2)+(a3)+(b)+(c)+(d) = 0 + 0.218 + 0 + 0.216 + 0.520 + 0 \\ = 0.954 \text{ Mm}^3$$

If (X) Mm<sup>3</sup> ≠ (Y) Mm<sup>3</sup> then difference of Quantities [ (X) – (Y) ] will be charged at highest rate at that time as per approved tariff plan from MWRRRA.

3. Ultrasonic measuring device with SMS facility shall be installed within 50 m distance from sump well having ease of all-weather approach to record reading and inspection at any time (Day/ Night). A separate cabin protected from all weather conditions for measuring device, with SMS Facility with sufficient space should be provided.
4. Electric connection arrangement for flow meter should be done directly such that ultrasonic flow meter cannot be stopped any time during operation period of pumps. Inverter/ backup/ UPS arrangement should be done to provide continuous electric supply to flow meter in the cabin.
5. Calibration of the said Ultrasonic measuring device with SMS facility should be done annually from NABL approved laboratory after consultation with Executive Engineer and calibration report should be submitted to the Executive Engineer.
6. The said Ultrasonic measuring device with SMS facility with its supplementary devices shall always be kept under the lock and seal of the Executive Engineer and one key of such lock shall at all times, be with the Executive Engineer. The BWUE shall at all times, during the subsistence of this agreement at their own cost maintain the said Ultrasonic measuring device with SMS facility in proper working order and condition.
7. Daily Reading of water drawn shall be recorded in the "Standard Log Book" issued by the Executive Engineer or data logger to the BWUE/User. Readings of



flow meter and pumping hours should be kept jointly by BWUE/User and BWSE representative. BWUE/User Officers/ BWSE Officers shall visit and check the logbook/ Data logger frequently. These logbooks/ Data logger will be the property of the BWSE. To workout the monthly bill, readings for the total water drawn by the BWUE/User shall be taken on the said Ultrasonic measuring device with SMS facility, on the 1<sup>ST</sup> day of each month at the time agreed jointly by the authorized representatives of the Executive Engineer and of the BWUE/User.

8. In the event of the said Ultrasonic measuring devices with SMS facility going out of order and becoming defective, the quantity of water drawn by the BWUE during the period when the meter was defective and not working shall be ascertained as per MWRRA order No.9/2017, dated 22/09/2017 & Order dt.29/03/2022 and subsequent revisions in MWRRA order, in the following manner.

- (i) It is BWUE's responsibility to inform immediately about any fault/breakdown of Ultrasonic measuring device/s with SMS facility. One month notice shall be given for repairing and commissioning of the Ultrasonic measuring device/s with SMS facility which is found to be tampered/ faulty/ non-working. The Ultrasonic measuring device/s with SMS facility shall be repaired within 60 days.
- (ii) Extension of one month can be given for repairing the Ultrasonic measuring device/s with SMS facility depending on specific local situation. Water charges for this period shall be levied on the basis of actual use including transmission losses / reservation/ water use calculations based on specific water consumption as per 100% of the proportionate sanctioned yearly quantity as communicated in clause A1 or as per criteria issued by MWRRA Order dated 22/09/2017 or production or recent water use whichever is more at rate 2 times the applicable rate.

This will be made applicable for the period during which the measuring devices remained out of order. The aforesaid provisions will also apply when the quantity of water drawn by the Agency cannot be measured on account of removal of the said Ultrasonic measuring devices with SMS facility for repairs or the same in the opinion of the Executive Engineer not working properly.

- (iii) However, if meter is not repaired within this extended time limit, water supply shall be discontinued.

- 9.
- i) Metered water uses within the allocated quota sanctioned limits and installing meter without agreement, shall be billed at twice the applicable rates.
  - ii) Water used without sanction shall be charged at 2 time's applicable rate.
  - iii) Water Used without installing meter/when meter is not in working condition/not calibrated, shall be charged at 2 times applicable rate.
  - iv) When both conditions Water used without sanction/ sanctioned but without agreement and Water Used without installing Ultrasonic measuring device/s with SMS facility, shall be charged at 2 times applicable rate.



- facility/ when meter is not in working condition/ not calibrated exist at the same time, water used shall be billed at THREE times applicable rates. Quantity for such use shall be as per Para 8(i) above.
10. If any theft/ misuse of water found from any source by the user. In such case the BWUE will be charged as per prevailing MWRRA penal rates.
  11. During the construction phase of commercial entity, private colonies, townships, the water use will be charged at commercial rate and after receipt of completion Certificate of the construction (i.e., after receipt of occupancy certificate), water use will be charged as per the provisions in Annexure 2, Para- 2 of General condition of MWRRA Order dated 29/03/2022 and subsequent revisions in MWRRA order. If both uses are concurrent, different meters are to be installed and assessment to be done accordingly.
  12. During inspection, if it is found that water sanctioned for processing is partially used in production as raw water directly or indirectly, then that quantity of water will be charged 2 times as per rates applicable for raw water after due verification and actual measurements.

**C. (i) Billing :**

1. Billing shall be done on **Monthly** basis. The bill for water drawn by the BWUE during the previous calendar month shall be sent in duplicate through e-mail/any other online mode by the Executive Engineer to the office of the BWUE within 10<sup>th</sup> day of next month, after the end of the water consumption period. The BWUE shall thereafter duly pay the same by a Demand Draft/ RTGS or any electronic transfer mode in the name of the Executive Engineer for and on behalf of the BWSE on or before 25<sup>th</sup> day of the same billing month and shall not allow the same to fall in arrears. If the BWUE fails to pay the amount within this stipulated time extra charge not exceeding 10% per annum of the amount due will be charged. If the delay in payment of water charges exceeds three months, then the BWSE reserves the right to terminate the water supply with a notice of 15 days in advance.
2. i) The BWUE shall pay to the BWSE at the time and in the manner specified in clause [C.(i)1] hereof water charges for the quantity of water drawn by the agency from the said River as measured by the said Ultrasonic measuring devices at the rates prescribed as per MWRRA order Dt.29/03/2022 and also as per subsequent revision in the water rates from time to time during the period of this Agreement.  
  
ii) The present water rates for the water drawn from the Assured/Regulated/Partly regulated Water supply source/ Bulk Water User Entity has shared proportionate cost and constructed basis infrastructure for non-Irrigational water use is as per MWRRA order Dated, 29<sup>th</sup> March, 2022.



**Table 3.0**

| Sr. No. | Water Use type              | Sanctioned Quota (Mm <sup>3</sup> ) | Applicable Rate as per source location as per MWRRA Bulk tariff Order | Source classification |
|---------|-----------------------------|-------------------------------------|---|-----------------------|
| 1.      | Domestic - Household        | .218                                | Rs. 0.77  | Pawana River          |
| 2.      | Domestic - Commercial       | -----                               |   |                       |
| 3.      | Domestic - industrial units | -----                               |   |                       |
| 4.      | Industrial - Processing     | 0.216                               | Rs. 18.15   | Pawana River          |
| 5.      | Industrial - Raw water Use  | -----                               |   |                       |
| 6.      | Educational Institutions    | -----                               |   |                       |
| 7.      | Agriculture Use             | 0.520                               | Rs. 0.33  | Pawana River          |

**NOTE:** Above Rates given in table are per cum (for 1000 Lit.) and are as applicable on the date of the agreement. However, the rates specified above are subjected to Revision of Bulk Tariff order by MWRRA/ GOM from time to time and will be binding on the Party I.

**Table 3.1**

| Sr. No | Actual water use<br>[Including Transmission losses] | Applicable rates         |
|--------|---|--------------------------|
| A      | Quantity up to 100% of norm-based water use         | Standard Rate            |
| B      | Quantity between 100% - 125% norm-based water use   | 1.50 times standard rate |
| C      | Quantity exceeding 125% norm-based water use        | 3.00 times Standard rate |

- Water rates shall be paid by BWUE as per the prescribed rates in prevailing MWRRA orders. However, no rights can be claimed by paying water charges at higher rates in the form of penalty for such excess water use. BWUE should focus on measures such as leakage prevention, controlling Unaccounted-For-Water (UFW), promotion of water saving measures, reuse, and rainwater harvesting etc. to keep water use within prescribed limits.
- The water lifted in excess of sanctioned demand shall be



prescribed penal rates in prevailing MWRRA orders. However, the local cess shall be charged on single rate only.

5. The BWUE shall pay to the BWSE at the time and in the manner specified in clause C-(1) & (2) hereof water charges for the quantity of water drawn by the BWUE from the approved source as measured by the said SCADA based Ultrasonic measuring devices with SMS facility at the rates as per MWRRA order dtd. 29/03/2022 and subsequent applicable revisions.
6. In the case of disputes regarding quantity of water billed, arrears or rate at which the bill is prepared by Executive Engineer, the BWUE shall first pay the complete amount of the bill and then claim for refund of any excess bill charged, giving the reasons/ justification of wrong billing. After that BWUE shall approach to the Primary Disputes Resolution officers (PDRO) of the respective River Basin as per GR dt. 25.08 2009 for correction in the bill with reason/justification. Further, if BWUE is aggrieved by the decision of the PDRO, it can file an appeal to Maharashtra Water Resources Regulatory Authority (MWRRA), Mumbai within 60 days from the decision of the PDRO by payment of applicable fees. The decision given by the MWRRA, Mumbai on such appeal shall be final, conclusive and binding to both the parties.
7. If after the expiry of period mentioned in clause A1(i) of this agreement, though the BWUE uses water less than 90% of the quantity of water specified in clause A (1)(i) then the BWUE shall pay to the BWSE water charges calculated for 90% of the quantity of water specified in clause A (1)(i).
8. For any unforeseen reasons, if the BWUE would like to reduce the demand of water entered in the agreement, they will be required to make a revised annual demand making an **Application for the revised quota to the Executive Engineer, Khadakawasla Irrigation Division Pune at least 15 days before 31<sup>st</sup> May for that year.** On acceptance of such revised demand the BWUE will be charged as per changed demand for period specified, other conditions remaining same. A supplementary agreement on 100 Rs. Stamp paper for this changed quantity which will form part of main agreement which is to be done within the period of 30 days from the date of sanction of any such reduced quota. If BWUE fails to complete supplementary agreement within stipulated duration, water charges will be levied as per main agreement. 5% commitment charges will be charged for quantity of difference between sanctioned quantity and supplementary agreement.
9. In addition to the payment of water charges referred to above, the BWUE shall also pay to the BWSE local cess at the rate 20 paisa per every rupee of basic water charges.

10. For any unforeseen reasons (such as sudden closure of the units or sudden rise in production etc.) there could be abrupt fluctuation in the demand of water.



sides. Such cases will be decided at Government level only, by giving due considerations to the availability of water in the particular sub- basin and so on.

11. Monthly bills for the period from JULY to APRIL (10 months) shall be prepared on the basis of actual quantity of water lifted at the prevailing rates including transmission losses as per type of actual usage. The bill for the months of MAY and JUNE (11<sup>th</sup> & 12<sup>th</sup> month) shall be prepared by taking review of annual sanctioned demand and the terms and conditions of the agreement and then shall be adjusted and paid accordingly. While adjusting so it shall be considered that the 90% of the annual sanctioned demand has been lifted/ used.
12. Government/ MWRRA hereby reserves to itself the right to revise from time to time the water rates and local fund cess and BWUE shall pay the revised water rates and local fund cess as may be fixed by Government/ MWRRA from time to time.
13. **"Polluter pays" principle** - The USER shall not discharge the effluent in any Nalla or River and shall not pollute directly or indirectly any portion of the dam even by septic tank effluents. Users shall treat sewage to the desired standard specified by Maharashtra Pollution Control Board (MPCB) before its release into a natural water course or an irrigation canal. If effluent Treatment Plant (ETPs) is not installed by user based upon their water allocation or ETPs are not working to its full capacity, User is liable to pay penal charges 2 times applicable rate for the sanctioned quota or actual water use including transmission losses whichever is higher.
14. Water used without valid agreement will be charged at 2 times the applicable rate as per order of MWRRA order DATED 29<sup>th</sup> of March, 2022 and subsequent revisions.

**(ii) Effluent Disposal:**

1. The effluent disposal arrangement made by the BWUE shall be got approved by the BWUE from the Maharashtra Pollution Control Board/ Environmental Department of Government of Maharashtra prior to commencing the operation of pumping/ drawing water from the source and the same should be verified by Executive Engineer, Water Resources Department. This effluent disposal arrangement is open for inspection to any officer of WRD at all the times.
2. Further, BWUE shall not exceed the effluent discharge norms stipulated by MoEF/ MPCB/ CPCB whichever is stringent. The industries using recycled water and reducing their freshwater demand shall be given incentives, as per MWRRA order dated 29.03.2022 or its subsequent amendment/ revision. However, BWUE using water beyond the entitlement shall be charged at...



indicated in tariff order.

3. The BWUE shall not discharge the effluent in any river/ nalla and shall not pollute directly or indirectly any portion of the said river/ nalla even by septic tank effluents. If any river/ nalla polluted by BWUE is identified by any BWSE entity then the BWUE shall be charged as per penal rates prescribed in para C(i)13.
4. The BWUE shall submit the valid effluent verification report by MPCB indicating, effluent meeting the stipulated standards, from time to time. On failure of doing so, the BWUE will be charged as per clause C (i) 13.
5. If any complaint/ information regarding pollution of river/source is received to Water Resources Department of Government, Executive Engineer, the Party II shall inform this complaint/ information to MPCB and the BWUE. If the BWUE fails to submit a valid verification report approved by Maharashtra Pollution Control Board (MPCB) indicating that the effluents are meeting stipulated standards, then the Executive Engineer, Khadakawasla Irrigation Division, Pune will charge the water to such polluting industries at penal rate as above, retrospectively, from the date of complaint/information received immediately. Further, Department reserves the rights to totally stop the water supply of the polluting industry if no remedial measures are taken by the BWUE for effluent disposal and if BWUE fails to submit the verification report of MPCB, indicating that effluent is meeting the stipulated standards, within the period of 60 days of date of issued notice, then the water supply to the BWUE shall be stopped by BWSE. The water supply so stopped shall be renewed only after receiving NOC of MPCB and after payment of all arrears of water charges including penal charges as per section C. (i)
6. If any BWUE reduces its requirement by recycling (reducing its net demand of water up to minimum 75% or less than that), it shall be charged at 75% of applicable rate, provided, officers of Water Resources Department not below rank of Executive Engineer have confirmed and certified the reduction made in water use by recycling.

**(iii) General Conditions:**

1. The BWUE shall at all the time allow any officer of Water Resources Department (WRD) of the BWSE to enter and inspect the BWUE/factory/work, to assess the actual water use for production of their products or for the purpose of water use specified in the Water Reservation Order, as well as to verify accounts and copies taken for entries from the records maintained by the BWUE to assess exact quantity used by the BWUE. In case BWUE denies access for inspection or denies giving any details of water use, Executive Engineer on behalf of the BWSE reserves the right to stop the water supply partially or totally after giving a notice of 15 days to the BWUE. BWSE (WRD) will not be responsible for any



loss due to stoppage of water.

2. Under the provisions of Section 11(q) of the MWRRA Act 2005, the Authority makes it mandatory for the BWUE to get the water audit done from Chief Auditor, Water and Irrigation, Maharashtra State, Aurangabad. And the BWUE is binding to pay water charges as per any revisions in billing (Already done/ paid/ unpaid) as per instructions of Superintending Engineer, Pune Irrigation Circle, or as finalized by Chief Auditor, Water and Irrigation, Maharashtra State, Aurangabad.
3. Any notice or other document to be given to or served upon the BWUE may be given or served on behalf of the BWSE by the Executive Engineer, Khadakwasla Irrigation Division, Pune and any such notice or document shall be deemed to have been duly given to or served upon the BWUE or sent by registered post/e-mail to the BWUE if it is delivered at the registered office/ registered e-mail of the BWUE or sent by registered post to the registered address for the time being of the BWUE.
4. (i) If BWUE desires to renew this agreement, BWUE shall apply to the Executive Engineer, Water Resources Department of Government before 90 days of expiry of this agreement.  
(ii) On expiry of the terms of this agreement BWSE may renew this agreement within 90 days, for such further period and on such terms and conditions, as BWSE may at its absolute discretion deem fit.
5. The costs incurred in the execution of the incidental charges for this agreement including storage shall be borne by the BWUE.
6. Requests of additional quota over and above sanctioned quota for their expansion will be considered on merit basis. The industries using water efficient technologies, treating effluent to required standards, practicing water harvesting and groundwater recharge in its premises or as CSR activities may be given priority. However, in water deficit sub-basin, additional quota for expansion of water intensive industry cannot be given.
7. This agreement supersedes all the previous agreements (Except certain cases where MIDC has paid the Capital Contribution and entered into an agreement) entered into by the BWUE with the BWSE in connection with the supply of water from the said river/ source.
8. The BWUE will have to make an arrangement at its own cost for adequate storage (Balancing tank) of not less than four months requirement of water in case of perennial canal, five months requirement in case of 8 monthly canal system, four months requirement in case of water source from seasonal river/nalla and one month water requirement in case of perennial water source of river/nalla so as to take care of the closure period. But if...



have to make an alternative arrangement for this water requirement at its own cost.

9. The BWUE should submit their water indent for every rotation to the Executive Engineer on or before starting of the rotation where the source is located on canal. The BWUE should also furnish the exact quantity of water actually drawn in each rotation after completion of the rotation.
10. If the BWUE commits breach of any of the terms and conditions thereof BWSE shall be entitled to cancel this permission and discontinue the supply of water without payment of any compensation whatsoever to the BWUE.
11. The BWSE hereby reserves to itself its right to change/ amend/ modify/ cancel/ revise any of the terms and conditions, rules and regulations of water management and Maharashtra Irrigation Act and MWRRA Act and rules laid under them which shall be applicable to this agreement.
12. Maharashtra Water Resources Regulatory Authority Act 2005 has empowered the Authority to determine the criteria for the distribution of entitlements by the River Basin Agencies on prescribed terms and conditions and also to establish water tariff system. As per the said Act, the entitlement and tariff system are subject to review at intervals of not less than three years. During the agreement period, changes in entitlement and/or prescribed terms and conditions and/or tariff system made by MWRRA shall be binding on both parties.
13. If at the time of renewal of Agreement, after completing 6(Six) years from the date mentioned in clause A1(i) here in above, the BWUE is willing to pay previous arrears, local cess and water charges with standard rates, then the Agreement can be renewed for further 6 (Six) years on the condition that the BWUE makes immediate payment of basic water charges, local cess, previous arrears on basic water charges with standard rate. The BWUE shall, within a time period of further 6 months, pay the remaining amounts such as penalty, delay charges etc. as per prevailing rules. If BWUE fails to pay these remaining amounts within prescribed time limit of 6 months, then the agreement stands invalid and penal rates as per prevailing rules will be applicable. If the BWUE is not willing to pay previous arrears, local cess and water charges with standard rates then also the agreement shall be renewed with the penal charges at 1.25 times applicable rates at that time.
14. In case of Local bodies such as Zilla Parishad or Nagar Panchayat having pending arrears, on the submission of assurance letter on Rs. 100 stamp paper regarding payment of all arrears within stipulated time extension approved by Superintending Engineer, Pune Irrigation Circle the agreement can be extended up to the time period approved by Superintending Engineer. If the local body fails to pay the arrears within extended time then the penal rates as per C (i) 14 will be



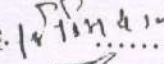
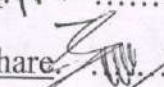
15. All the terms and conditions laid down in the following orders, resolutions and memorandum are binding on the Agency.

- a) Government of Maharashtra's Maharashtra Water Resources Regulatory Authority (MWRRA's Order) Dated 29/03/2022 and subsequent revisions.
- b) Government of Maharashtra's Maharashtra Water Resources Regulatory Authority (MWRRA's Order) Order No.9/2017 & Letter No. 9/2017 & Letter No. MWRRA/2017/Map and/Authority/411 Dt. 22/9/2017
- c) Chief Engineer, Water Resources Department's Memo /ज्ञापन (Dnyapan) No- MKKVM/APK/PNNR/(496)/27/ dated 21/12/1996.

16. The installation of Ultrasonic measuring device is mandatory before starting the lifting the water.

IN WITNESS WHEREOF THE Common seal of the M/s Sant Tukaram Sahakari Sakhar Karakhana Ltd., Kasarsai-Darumbre, Tal. Mulashi, Dist.- Pune, has been here into affixed AND the Executive Engineer, Khadakwasla Irrigation Division, Pune-11, has for and on behalf of The Governor of Maharashtra here to set his hand and affixed the seal of his office the day and year first herein above written.

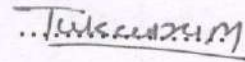
THE COMMON SEAL OF BWUE was pursuant to a resolution Of the Board of Directors of the BWUE dated the 23/10/2023 Hereto affixed in the presence of \_

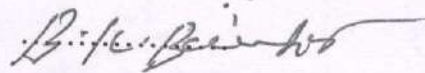
1. Shri. Vidura Vithoba Navale. 
2. Shri. Sahebarao Ganapat Pathare. 



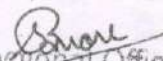
The Authorized Signatory/ two Directors of the BWUE who in taken have hereto their respective hands in the presence of -


1. Shri. Tukaram Nivrutti Vinode.
2. Shri Balasaheb Keshav Bavkar.






SIGNED SEALED AND DELIVERED by the Smt. Shweta Kurhade, Executive Engineer, Khadakwasla Irrigation Division, Pune-11, Water Resources Department (GoM) for and on behalf of the Governor of Maharashtra in the presence of-

1.   
Sectional Officer
2. Lift Irrigation Section No 3  
Bebedonai

  
Sub Divisional Engineer  
Lift Irrigation Sub Dn. Pawanagar  
Talgaon Dabhade



  
Executive Engineer  
Khadakwasla Irrigation Division  
Pune-11



U-0026  
सर्वसा. ११३ मई.  
Gen 113 me.

1

1727901

RECEIPT FOR PAYMENT TO GOVERNMENT

2/11/2023

ठिकाण/Place..... दिनांक/Date.....

ठिकाण/Place.....दिनांक/Date.....  
 श्री.: वीमन तुकाराम शेट्टे मोरार कश्यप; शास्त्राधिकारीकडून।

Received from

Received from.....  
र./Rs. 4,03,850 (रुपये/Rupees) 3 लाख 3 हजार 850  
Thousand Eight Hundred Fifty Only  
माकरिता मिळाले.

Deposit

on account of.

रोखपाल का लेखापाल

Cashier or Accountant.

Sub Division Engineer  
East Irrigation Sub Division Engineer  
(Investigation)



PPMO - 906870 dt. 15/2/11

(वि. नि. नमुना क्र. १) (Fin. R Form No 1,

संवसा. ११३ मं.

Gen. 113 me.

ये. का. बु. (अच) १६८

कार्बन (कार्यालयीन) प्रत

CARBON OFFICE COPY

6170369

पाननाग केलेल्या प्रसनाची पावती

RECEIPT FOR PAYMENT TO GOVERNMENT

ठिकाण/Place Pawanagar दिनांक/Date 25/3/11 १९८ /198

Received from

Shi - Sarl Tubaram

यांच्याकडून/

Sahabkar (हपये/हपये)

Karkhana Ltd.

रु./Rs.

(108780/-)

याकरीता मिळाले

on account of

hundred

Deposit for two month

रोखपल व लेखापाल

Cashier or Accountant

water charge

(Signature)

Sub-Division Engineer  
(Designation) Division  
Lift Irrigation Sub-Division

Pawanagar



Ch: - 034894

date - 22-11-16

सर्वसा. ११३ मंड.  
Gen. 113 me.

(वि) नि नमुना क. १) (Fin. R. Form No. 1)

मूळ प्रत  
ORIGINAL COPY [NOT TRANSFERABLE]

राजसभा देलेला प्रदानाची प्रती  
RECEIPT FOR PAYMENT TO GOVERNMENT

Talgaon dabhade 27/12/2016

१९८ / 198

ठिकाण/Place

दिनांक/Date

Shri Sant Tukaram SSK. on sec<sup>n</sup> no-3

यांच्याकडून/

Received from

रु / Rs 348650/-

(Three Lac forty eight )  
हक्क / Rupees

याकरिता मिळाले

Thousand six hundred fifty only

on account of security deposit for

charges

म. अ. म.

Sub-Divisional Engineer  
Lifirrigation Sub-Div. Pavananagar  
प. र. न. म. लेगाच Dabhade

रोलपाल व लेखापाल

Accountant

as

therein c



# Photographs of Rain Water Harvesting

Annexure - II



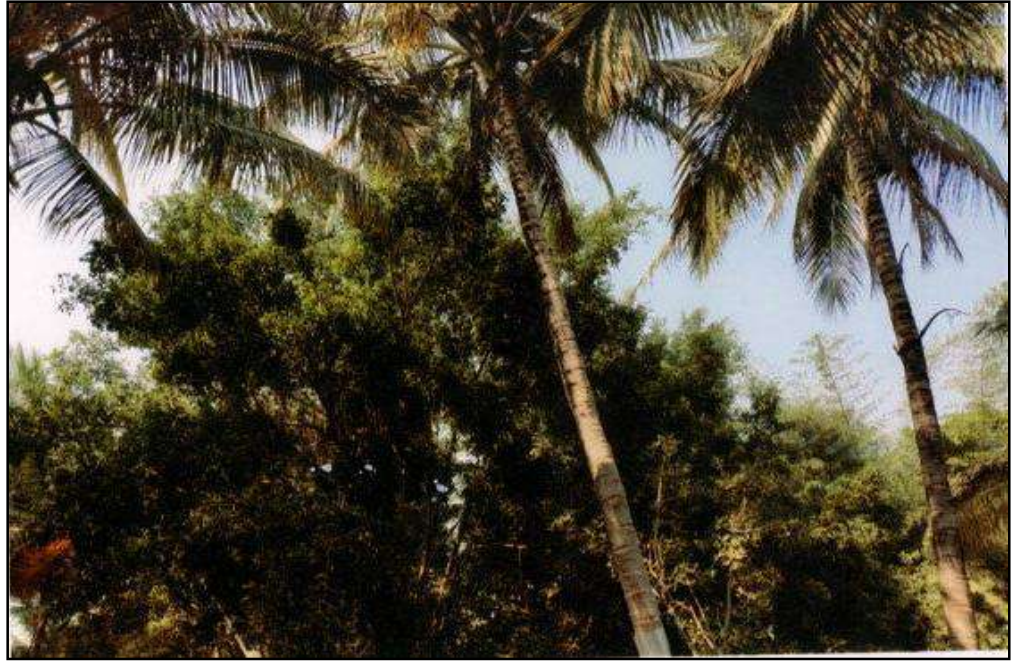


## Photographs of Green belt

Annexure - III















सत्यमेव जयते

भारत सरकार

Government of India

वाणिज्य और उद्योग मंत्रालय

Ministry of Commerce &amp; Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)

Petroleum &amp; Explosives Safety Organisation (PESO)

ए-1 और ए-2 विंग, पॉचवा तल, केंद्रीय कार्यालय परिसर, सी.बी.डी. बेलापुर

नवी मुंबई (महा.)- 400614

A1 &amp; A2 wing, 5th Floor,

C.G.O. complex, CBD Belapur, Navi Mumbai (M.S.),

Mumbai - 400614

E-mail : jtcemumbai@explosives.gov.in

Phone/Fax No : 022 - 27575946, 27573881

संख्या /No : A/P/WC/MH/15/7662 (P592597)

दिनांक /Dated : 29/05/2024

सेवा में /To,

M/s. SHRI SANT TUKARAM SAHAKARI SAKHAR KARKHANA LIMITED,  
Kasarsai-Darumbre, At. Darumbre,,,  
PO. Kasarsai, Taluka Mawal  
Darumbre,  
Mawal,  
Taluka: Mawal,  
District: PUNE  
State: Maharashtra  
PIN: 410506

विषय /Sub : Gut No, 148 & 149/1, Kasarsai-Darumbre, PO. Kasarsai, Darumbre, Mawal, Taluka: Mawal, District: PUNE, State: Maharashtra, PIN: 410506 में प्रस्तावित पेट्रोलियम वर्ग A अधिष्ठापन के अनुमोदन के सम्बन्ध में।  
Proposed Petroleum Storage Class A Installation at Gut No, 148 & 149/1, Kasarsai-Darumbre, PO. Kasarsai, Darumbre, Mawal, Taluka: Mawal, District: PUNE, State: Maharashtra, PIN: 410506  
Approval Regarding.

महोदय  
/Sir(s),

कृपया आपके पत्र क्रमांक OIN1674676 दिनांक 17/05/2024 का अवलोकन करें।  
Please refer to your letter No. OIN1674676 dated 17/05/2024

Drawing(s) nos. Drawing as per peso dated 17/05/2024, Drawing as per peso dated 17/05/2024, अनुमोदित किया जाता है तथा प्रत्येक आरेखण की एक प्रति विधिवत पृष्ठांकित कर लौटाई जा रही है।

The Drawing(s) nos. Drawing as per peso dated 17/05/2024, Drawing as per peso dated 17/05/2024, showing the site and layout etc. of the specified installation is/are approved and one copy of the same is returned herewith in token of approval.

#### Conditions of the Approval:-

SOP duly certified by the management of the company shall be uploaded during grant of licence.

Hazop study and its close out report shall be furnished during grant of licence.

अग्रिम कार्रवाई हेतु इस कार्यालय को प्रेषित करें।

The following documents which are necessary in connection with the grant of a licence in Form XV of the Petroleum Rules, 2002 for the above installation may please be submitted to this office for further action in the matter.

- प्ररूप IX(संलग्न) में विधिवत भरा हुआ एवं हस्ताक्षरित आवेदन।  
An Application in Form IX (enclosed) duly filled in and signed.
- पेट्रोलियम नियम 2002 के तहत ऑनलाइन आवेदन पोर्टल पर उपलब्ध ई-भुगतान सुविधा के माध्यम से अनुज्ञप्ति शुल्क रु 50000/- (प्रति वर्ष – अधिकतम 10 वर्ष तक) ऑनलाइन जमा किया जाना है।  
A license fee of Rs. 50000/- (per year - maximum upto 10 years) to be submitted online through e-payment facility available on online application portal under petroleum Rules, 2002.
- अनुमोदन की शर्तों को (यदि कोई हो) शामिल करते हुए तथा किसी भी इंक करेक्शन के बिना, अधिकृत हस्ताक्षरकर्ता द्वारा विधिवत हस्ताक्षरित, अनुमोदित प्लान की ब्लू प्रिंट या सीएडी (CAD) प्रिंट में चार प्रतियाँ।  
Four copies of the approved plans.
- इस संगठन द्वारा मान्यता प्राप्त सक्षम व्यक्ति द्वारा उनके हस्ताक्षर के स्टैप सहित जारी पेट्रोलियम नियम 2002 के अंतर्गत नियम 130 और 126 में आवश्यक निर्धारित प्ररूप (संलग्न) में सेफ्टी और टेस्ट प्रमाण-पत्र।  
Safety and Test Certificate required under rule 130 and 126 of the Petroleum Rules, 2002 (enclosed) issued by Competent person.
- पेट्रोलियम नियम, 2002 के नियम 144 के तहत निर्धारित प्रपत्र के अनुसार जिला प्राधिकरण (एलएसडीए) मॉड्यूल के लाइसेंसिंग सिस्टम के माध्यम से जारी किया गया अनापत्ति प्रमाण पत्र, उनके हस्ताक्षर और मुहर के साथ पृष्ठांकित आरेखण/प्लान की प्रति के साथ ही। युआरएल : <https://lsda.peso.gov.in/LSDAOnline/Login.aspx> के माध्यम से ऑनलाइन एनओसी आवेदन, ई-फाइलिंग किया जा सकता है।  
No objection certificate issued under Rule 144 of the Petroleum Rules, 2002 as per prescribed proforma by the District Authority through Licensing System for District Authority (LSDA) module only together with a copy of drawings/plans endorsed with his sign and seal. Online NOC application eFiling may be accessed through URL : <https://lsda.peso.gov.in/LSDAOnline/Login.aspx>
- इस कार्यालय से होनेवाले पत्राचार पर हस्ताक्षर करने के लिए अधिकृत व्यक्ति(यों)के नमूना हस्ताक्षर।  
Specimen signature(s) of the person(s) authorised to sign the correspondence intended for this organisation .
- Copy of Hazop Study & Risk Analysis Report.
- Copy of On-Site Emergency Plan.
- Copy of Safety Report under Rule 10 of MSIHC Rule, 1989.

जी.एस.आर. 519(ई) दिनांक 05/06/2000 द्वारा भारत सरकार, पेट्रोलियम तथा प्राकृतिक गैस मंत्रालय द्वारा अधिसूचित आदेश 2000 के 'सॉल्वेंट, रैफ़िनेट तथा स्लॉप (अधिग्रहण, बिक्री, भंडारण और ऑटोमोबाइल में उपयोग की रोकथाम) आवश्यकता/प्रावधान का कृपया पालन करें।

Please follow the requirement/provision of " Solvent, Raffinate and Slop ( Acquisition, Sale, Storage & Prevention of use in Automobiles)" Order 2000 notified by Government of India, Ministry of Petroleum and Natural Gas vide G.S.R. 519 (E) dated 05/06/2000.

यह अनुमोदन/अनुमति अन्य प्राधिकारियों से आवश्यक अनुमति/क्लीयरन्स प्राप्त करने से या यथा लागू अन्य विधियों से छूट नहीं देती है।

This approval/permission, however, does not absolve from obtaining necessary permission/clearance from other authorities or under other statutes as applicable.

भवदीय /Yours faithfully,

((अमित कुमार)  
(Amit Kumar)  
विस्फोटक नियंत्रक  
Controller of Explosives  
कृते संयुक्त मुख्य विस्फोटक नियंत्रक  
For Jt. Chief Controller of Explosives  
नवी मुंबई (महा.)/Mumbai

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

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट : <http://peso.gov.in> देखें)

(For more information regarding status, fees and other details please visit our website: <http://peso.gov.in>)



# महाराष्ट्राचा मानबिंदू लोकमत

बुधवार, दि. २४ मे २०२३

## जाहीर निवेदन

आम्हाला कळविण्यास आनंद होतो की, "पर्यावरण विभाग," मुंबई, महाराष्ट्र यांच्या दि. १८/०५/२०२२ रोजीच्या पत्र क्र. EC23B000MH148691 द्वारे "श्री संत तुकाराम सहकारी साखर कारखाना लिमिटेड" यांच्या कासारसाई- दारुबरे, ता.मुळशी, जि. पुणे महाराष्ट्र राज्य येथील ४५ के.एल.पी.डी. मोलॅसिस आधारित आसवनी प्रकल्पास "पर्यावरण स्वीकृती" मिळाली आहे. संबंधित कागदपत्रांच्या प्रती महाराष्ट्र प्रदूषण नियंत्रण मंडळ, कारखाना आणि पर्यावरण, वने व हवामान बदल मंत्रालयाच्या खालील संकेतस्थळावर उपलब्ध आहेत.

<http://envfor.nic.in>

श्री संत तुकाराम सहकारी साखर कारखाना लिमिटेड

एस. जी. पठारे,  
कार्यकारी संचालक

DAILY FROM: AHMEDABAD, CHANDIGARH, DELHI, JAIPUR, KOLKATA, LUCKNOW, MUMBAI, NAGPUR, PUNE, VADODARA

# The Indian EXPRESS

WEDNESDAY, MAY 24, 2023

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THE INDIAN EXPRESS, WEDNESDAY, MAY 24, 2023

## PUBLIC NOTICE

We are pleased to inform that 'State Level Environment Impact Assessment Authority (SEIAA)', Department of Environment, Government of Maharashtra, Mumbai has accorded an "Environmental Clearance" vide its EC No. EC23B000MH148691 Dated 18th May, 2023 to "Shri Sant Tukaram Sahakar Sakhar Karhana Ltd." Located at Kasarsai-Darumbre, Tal. Mulshi, Dist. Pune, Maharashtra for establishment of 45 KLPD Molasses based distillery. Copies of the clearance letter are available with the Maharashtra Pollution Control Board (MPCB), Industry and may also be seen at the Website of Ministry of Environment, Forest and Climate change: New Delhi at <http://envfor.nic.in>

For Shri Sant Tukaram S.S.K. Ltd.  
Sahebrao Ganpat Pathare  
Managing Director



☎ : 9689509292 / 9689759292  
9423793955 / 56 / 57  
E\_mail : santtukaramssk@yahoo.co.in

**श्री संत तुकाराम सहकारी साखर कारखाना लिमिटेड**

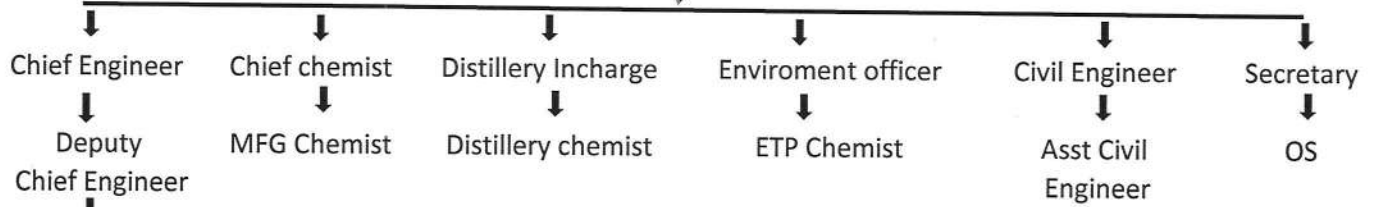
कासारसाई - दारुंब्रे, पो.कासारसाई, ता.मुळशी, जि.पुणे - ४१० ५०६.  
रजि.नं. : पीएनए/एमयुएल/पीआरजी/ए/३५(एस) १९९० दि.: २२/५/९०  
जी.एस.टी.नं.: 27AACAS2897Q1ZK

**SHRI SANT TUKARAM SAHAKARI SAKHAR KARKHANA LTD.**

Kasarsai, Darumbre, Post - Kasarsai, Taluka - Mulshi, Dist. Pune - 410 506  
Reg No. PNA/MUL/PRG/A/35(S) / 1990 Date : 22-5-1990  
GST No. : 27AACAS2897Q1ZK

**Environment management cell**

Managing Director



| Sr. | Name          | Desianation         |
|-----|---------------|---------------------|
| 1   | S.G. Pathare  | Managing Director   |
| 2   | M.T. Kalokhe  | Secretory           |
| 3   | R.B. Jagdale  | Chief Engineer      |
| 4   | S.V Suste     | Chief Chemist       |
| 5   | S.P. Pawar    | Distillery Incharge |
| 6   | C.S. Gaikwad  | Dy Chief Engineer   |
| 7   | M.A Naikwadi  | Enviroment officer  |
| 8   | S.B. Valuj    | Civil Engineer      |
| 9   | S.A. Kurne    | Asst Civil Engineer |
| 10  | B.B. varal    | MFG chemist         |
| 11  | C.B. Malgunde | ETP Chemist         |
| 12  | A.V. Chavan   | Asst Engineer       |
| 13  | A.M. Pinjan   | Office Supritendant |

  
**Managing Director**



## MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
Email: [cac-cell@mpcb.gov.in](mailto:cac-cell@mpcb.gov.in)



Kalpataru Point, 2nd and  
4th floor, Opp. Cine Planet  
Cinema, Near Sion Circle,  
Sion (E), Mumbai-400022

RED/L.S.I (R60)

No:- Format1.0/CAC/UAN No.MPCB-

CONSENT-0000111282/CE - 2110000891

Date: 20/10/2021

To,

Shri Sant Tukaram Sahakari Sakhar Karkhana Ltd.  
(SSTSSKL)

Gat No. 17, 25, 26, 28, 146, 147, 148, 149, 151, 152, A/p:

Kasarsai-Darumbre,

Tal. - Mulshi, Dist. - Pune.



Your Service is Our Duty

**Sub: Consent to Establish for 45 KLPD molasses base distillery unit, under RED category.**

**Ref:** 1. Earlier consent granted vide no. Format1.0/CAC/UAN No.MPCB-  
CONSENT-0000093124/CR-2009000108 dated 02.09.2020  
2. Minutes of 6th CAC meeting held on 15.09.2021 & 24.09.2021.

Your application No.MPCB-CONSENT-0000111282 Dated 22.03.2021

For: Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent to establish is granted for a period up to commissioning of the unit or up to 5 year whichever is earlier.
2. The capital investment of the project is Rs.74.0175 Crs. (As per C.A Certificate submitted by industry Existing-Rs. 182 Crs + Expansion/Increase in C.I. - Rs. 74.0175 Crs)
3. Consent is valid for the manufacture of:

| Sr No       | Product  | Maximum Quantity | UOM    |
|-------------|--|------------------|--------|
| Products    |  |                  |        |
| 1           | Rectified Spirit (RS)/ Extra Neural Alcohol (ENA)/ Ethanol | 45               | KL/D   |
| By Products |  |                  |        |
| 2           | Fusel Oil (By-product)                                     | 0.09             | MT/Day |
| 3           | CO2 (By-product)   | 34               | MT/Day |





4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

| Sr No | Description       | Permitted (in CMD) | Standards to      | Disposal Path                       |
|-------|-------------------|--------------------|-------------------|-------------------------------------|
| 1.    | Trade effluent    | 360                | As per Schedule-I | MEE followed by Incineration Boiler |
| 2.    | Domestic effluent | 1.5                | As per Schedule-I | On land for gardening               |

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

| Sr No. | Stack No. | Description of stack / source | Number of Stack | Standards to be achieved |
|--------|-----------|-------------------------------|-----------------|--------------------------|
| 1      | 1         | Boiler                        | 1               | As per Schedule -II      |

6. **Non-Hazardous Wastes:**

| Sr No | Type of Waste | Quantity | UoM    | Treatment | Disposal  |
|-------|---------------|----------|--------|-----------|---|
| 1     | Yeast Sludge  | 8.0      | MT/Day | --        | Used as manure  |
| 2     | CPU Sludge    | 0.3      | MT/Day | --        | Used as manure  |
| 3     | Boiler Ash    | 20       | MT/Day | --        | Given to bricks/ Cement Manufacturers or used as manure |

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

| Sr No | Category No./ Type | Quantity | UoM | Treatment | Disposal |
|-------|--------------------|----------|-----|-----------|----------|
| NA    |                    |          |     |           |          |

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. The applicant should not take any effective steps for implementation of the project before obtaining Environmental Clearance as per EIA Notification 2006 and amendments thereto. As per Para 2 of EIA notification dated- 14.09.2006, the effective steps include starting of any construction work or preparation of land by the project management. However as clarified by the MoEF vide office memorandum no. J-1103/41/2006-IA.II(I); Dated- 19/08/2010, fencing of the site to protect it from getting encroached and construction of temporary shed(s) for the guard(s) & acquisition of land not be treated as an effective step.
11. This consent is issued pursuant to the decision of the 6th Consent Appraisal Committee Meeting held on 15.09.2021 & 24.09.2021.
12. Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server .
13. The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/Activity. (Establish)
14. PP shall comply with conditions of Environment Clearance.



# Maharashtra Pollution Control Board

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15. PP shall submit BG of Rs. 25 lakh towards compliance of consent & EC conditions.
16. PP shall obtain necessary permission from the CGWA/Irrigation Department for the use of ground water/Surface water prior to 1st operate of Expansion.

For and on behalf of the  
Maharashtra Pollution Control Board.

(Ashok Shingare IAS),  
Member Secretary

### Received Consent fee of -

| Sr.No | Amount(Rs.) | Transaction/DR.No. | Date       | Transaction Type |
|-------|-------------|--------------------|------------|------------------|
| 1     | 100000.00   | MPCB-DR-5388       | 05/04/2021 | RTGS             |

### Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune II  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CAC-CC desk - for record & website updation.







**SCHEDULE-I**

**Terms & conditions for compliance of Water Pollution Control:**

**1. Conditions for Trade effluent:**

- A] You have proposed to provide comprehensive treatment for volume reduction consisting of Multiple Effect Evaporator followed by incineration boiler. The spent wash shall be evaporated in MEE & concentrated spent wash will be treated in ETP & recycled & reused in process
- B] Industry shall provide CPU for recycle/reuse of treated effluent.
- C] Industry shall install Online Continuous Emission Monitoring System (OCEMS) before 1st Operate and shall transmit Online Continuous Emission Monitoring System (OCEMS) data to Board's Server directly from data logger without any intermediate server.

**2. Conditions for Sewage/ Domestic effluent:**

- i. You shall provide sewage treatment plant for the treatment of CMD sewage generation due to expansion and provide including disinfection facility.
- ii. The industry shall operate sewage treatment system to treat the sewage/ domestic effluent so as to achieve the standards as prescribed by the board/under EP Act, 1986 and rules made thereunder from time to time whichever is stringent.

| Sr.No | Parameter | Concentration not to exceed(in mg/l except for pH |
|-------|-----------|---|
| 1.    | pH        | 6.5-9.0   |
| 2.    | BOD       | 30  |
| 3.    | TSS       | 100   |

- iii. The sewage shall be treated by using septic tank and soak pit and overflow if any shall be used on-land for gardening/irrigation.

5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

| Sr. No. | Purpose for water consumed   | Water consumption quantity (CMD) |
|---------|--|----------------------------------|
| 1.      | Industrial Cooling, spraying in mine pits or boiler feed                                       | 117.00                           |
| 2.      | Domestic purpose   | 2.00                             |
| 3.      | Processing whereby water gets polluted & pollutants are easily biodegradable                   | 387.00                           |
| 4.      | Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic | 0.00                             |
| 5.      | Gardening  | 0                                |

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance.



**SCHEDULE-II**

**Terms & conditions for compliance of Air Pollution Control:**

1. As per your application, you have proposed to provide the Air pollution control (APC) system and also to erect following stack (s) to observe the following fuel pattern:

| Stack No. | Stack Attached To | APC System    | Height in Mtrs. | Type of Fuel            | Quantity & UoM | S%   | SO <sub>2</sub> |
|-----------|-------------------|---------------|-----------------|-------------------------|----------------|------|-----------------|
| 1         | Boiler (16 TPH)   | APC Equipment | 45              | Bagasse/coal/spent wash | 165 Kg/Hr      | 0.20 | 15.84           |

2. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
5. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

|                    |               |                        |
|--------------------|---------------|------------------------|
| Particulate matter | Not to exceed | 150 mg/Nm <sup>3</sup> |
|--------------------|---------------|------------------------|

6. Storage of raw materials, coal etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
7. The industry shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules, 1986 and connected to MPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
8. The industry shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office MPCB.
9. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
10. Industry shall provide Online Continuous Emission Monitoring System (OCEMS) i.e. flow meter and night vision camera to ensure the Zero Liquid Discharge (ZLD) of spent wash and OCEMS for Boiler stack for PM parameter.





# Maharashtra Pollution Control Board

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### SCHEDULE-III Details of Bank Guarantees:

| Sr. No | Consent (C2E/C2O/C2R) | Amt of BG Imposed | Submission Period | Purpose of BG                                  | Compliance Period | Validity Date     |
|--------|-----------------------|-------------------|-------------------|--|-------------------|-------------------|
| 1      | C to E                | 2500000           | 15 days           | Towards compliance of consent & EC conditions. | up to 1st operate | up to 1st operate |

### BG Forfeiture History

| Srno. | Consent (C2E/C2O/C2R) | Amount of BG Imposed | Submission Period | Purpose of BG | Amount of BG Forfeiture | Reason of BG Forfeiture |
|-------|-----------------------|----------------------|-------------------|---------------|-------------------------|-------------------------|
| NA    |                       |                      |                   |               |                         |                         |

### BG Return details

| Srno. | Consent (C2E/C2O/C2R) | BG imposed | Purpose of BG | Amount of BG Returned |
|-------|-----------------------|------------|---------------|-----------------------|
| NA    |                       |            |               |                       |

### SCHEDULE-IV General Conditions:

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.



# Maharashtra Pollution Control Board

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5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
13. The PP shall provide personal protection equipment as per norms of Factory Act
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.





# Maharashtra Pollution Control Board

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19. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.



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32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

For and on behalf of the  
Maharashtra Pollution Control Board.

  
(Ashok Shingare IAS),  
Member Secretary







# Maharashtra Pollution Control Board

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