

Date : 14.05.2024

To,  
**Ministry of Environment, Forest & Climate Change**  
**Regional Office (West Central Zone)**  
Ground floor, East wing,  
New Secretary Building  
Civil lines, Nagpur – 440001

**Subject** : Six Monthly Environmental Compliance Status Report of Stipulated Conditions of  
Environmental Clearance (October 2023 to March 2024)


**Reference** : Environmental Clearance vide letter No. F. No. J-11011/152/2016-IAII (1) dated 7<sup>th</sup>  
August, 2018

Respected Sir,

With reference to the above Subject, we Sadguru Sri Sri Sakhar Karkhana Ltd. located at  
Sr. No - 231/232, 234, village Rajewadi, Taluka Atpadi, District Sangli, Maharashtra. Pin code-  
415315, submitting Environmental Compliance Status Report for the period October 2023 to March  
2024 along with supporting documents (Refer Enclosed Annexures).

We assure you for submission of Environmental Compliance Status reports on regular basis.  
Kindly acknowledge the receipt of the same.

Thanking you,  
Yours faithfully

  
Authorized Signatory  
**Sadguru Sri Sri Sakhar Karkhana Ltd.**



**Corporate Office: Sadguru Sri Sri Sakhar Karkhana Ltd.**

C/o. Intelux Electronics Pvt. Ltd. Unit no. 2, Electronic Co. op. Estate, Pune-Satara Road, Pune - 411 009, India.

Ph.: +91 020 2422 3720 / 30 / 34 | Fax: +91.020 024221258 | [www.srisrisugar.com](http://www.srisrisugar.com) | CIN: U15421PN2010PLC135442

SUGAR : WHITE, NATURAL BROWN & ORGANIC / GREEN POWER / ETHANOL / NATURAL FARMING / SOCIO-ECONOMIC PROJECTS FOR RURAL DEVELOPMENT



**Six Monthly Environmental Compliance Status Report  
of Stipulated Conditions of Environmental Clearance  
(October 2023 to March 2024)**

**For**

**“Molasses based distillery of 50 KLPD  
(Fuel Ethanol/Extra Neutral Alcohol/Absolute Alcohol/Rectified  
Spirit) and expansion of existing Sugar plant from 2500 TCD to  
5000 TCD and Co-generation Plant from 12 MW to 22 MW”**

**At**

**Sr. No. 231/232, 234, village Rajewadi, Taluka Atpadi,  
District Sangli, Maharashtra. Pincode- 415315.**

**By**

**Sadguru Sri Sri Sakhar Karkhana Ltd.**

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## **1. INTRODUCTION & PROJECT DESCRIPTION:**

M/s. Sadguru Sri Sri Sakhar Karkhana Ltd. (SSSSKL) is located at Sr. No. - 231/232, 234, village Rajewadi, Taluka Atpadi, District Sangli, Maharashtra. Pincode- 415315.

The geographical coordinates of the project are latitude: 17°36'41.93"N and longitude: 74°55'1.24"E. Elevation is 650 m above mean sea level (MSL).

Industry is incorporated dated 2<sup>nd</sup> February, 2010 under the Companies Act, 1956 (No. 1 of 1956) and that the company is private limited. Corporate Identification Number (CIN) of the company is U15421PN2010PLC135442. The registered address of the company is Unit No.2, Electronic Co-Op Estate, Pune-Satara Road, Pune, Maharashtra-411009, India. CIN copy is enclosed as **Annexure-1**.

## **2. HISTORY OF THE PROJECT**

Industry is incorporated dated 2<sup>nd</sup> February, 2010 under the Companies Act, 1956 (No. 1 of 1956) and the company is private limited. Corporate Identification Number (CIN) of the company is U15421PN2010PLC135442. The registered address of the company is Unit No.2, Electronic Co-Op Estate, Pune-Satara Road, Pune-411009, Maharashtra, India. CIN copy is enclosed as **Annexure-1**.

The land is originally belonged to M/s. Sadguru Sri Sri Sakhar Karkhana Ltd. (SSSSKL). Industry has obtained environmental clearance vide letter No. J-11011/152/2016-IAII(I) dated 7<sup>th</sup> August, 2018 for setting up molasses based distillery of 50 KLPD capacity including expansion of existing sugar plant from 2500 TCD to 5000 TCD and Co-generation plant from 12 MW to 22 MW. The copy of earlier environmental clearance is enclosed as **Annexure-2**.

Company has increased the production capacity from 50 KLPD to 75 KLPD under section 7(ii) of the EIA notification (No Increase in Pollution Load); earlier Environmental clearance was granted for molasses based production (50 KLPD); however company switched to Syrup based production (75 KLPD) while reducing the COD and BOD load of a generated spent wash and fresh water consumption.

## **3. STATUS OF THE PROJECT AND SITE PHOTOGRAPHS:**

**Status of the Project:** The unit is in operational stage; whereas the sugar unit season closing date was 13.03.2024



**Site Photographs:**



#### **4. ENVIRONMENTAL CLEARANCE DETAILS**

This has reference to your online proposal No. IA/MH/IND2/74101/2016 dated 25<sup>th</sup> May, 2018 for environmental clearance to the above project, along with the documents including Form-1, Terms of Reference (TOR), EIA/EMP report containing the public hearing proceedings/details.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the project for setting up molasses based distillery of 50 KLPD (Fuel Ethanol/Extra Neutral Alcohol/Absolute Alcohol/Rectified Spirit) by M/s Sadguru Sri Sri Sakhar Karkhana Ltd (SSSSKL) in a total area of 103.62 acres at Sr.No.234, Village Rajewadi, Tehsil Atpadi, District Sangli (Maharashtra). The project also includes expansion of existing sugar plant from 2500 TCD to 5000 TCD and co-generation plant from 12 MW to 22 MW.

3. Existing land area is 241192 sqm, additional land of area 178142.62 sqm shall be required for the proposed expansion. It is proposed to develop greenbelt in an area of 138378.21 sqm, covering 33% of the total project area. Total project cost is estimated to be Rs.252.196 crore including existing investment of 137.196 crores. The capital cost earmarked for pollution control measures is Rs.818 lakhs and the annual recurring cost would be about Rs.142 lakhs per annum. There are no National Parks, Wildlife Sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km of the project site.

4. Total water requirement for first run is estimated to be 454 cum/day, out of which fresh water intake of 300 cum/day (6 KL/KL of Alcohol) is proposed to be met from rain water harvesting/moisture from sugar cane. However, to meet the shortfall, if any, water requirement would be met from Mhasvad Dam, Rajewadi.

Effluent of 400 cum/day shall be generated and sent to the existing ETP for treatment. Spent wash shall be taken to bio-methanation plant for primary treatment for production of biogas. There will be no discharge of treated/untreated waste water from the unit and thus ensuring Zero Liquid Discharge.

5. Power requirement shall be increased from 4 to 9.5 MW proposed to be met from Co-generation plant. Existing unit has 2 DG sets, which shall be provided with adequate stack height of 60 m as per CPCB norms and used as standby during power failure.

Existing sugar unit has 70 TPH fired Boiler. One bagasse fired boiler of capacity 50 TPH to cater to the proposed expansion shall be installed. Electrostatic precipitator with a stack height of 60 m will be provided with the proposed boiler to control the particulate emissions within the statutory norms. Generated CO<sub>2</sub> shall be compressed, liquefied and sold to consumers.

6. Spent wash generated from the distillery process shall be taken to bio-digester for primary treatment, followed by MEE for bio-composting as secondary treatment. Bio-compost (28 MT/day) shall be generated and sold to nearby farmers as fertilizer. The ash collected at the

bottom (1.2 MT/day) shall be used as manure and fly ash (4.8 MT/day) to be sold to brick manufacturers. Spent oil from the gear boxes and DG sets will be reused or sold to the authorized vendors as per the Hazardous Wastes (Management and Handling) Amendment Rules, 2016.

7. The project/activity is covered under category A of item 5 (g) 'All Molasses based distilleries' of the Schedule to the Environmental Impact Assessment Notification, 2006 and requires appraisal at Central level by the sectoral EAC in the Ministry.

8. The ToR for the project was granted dated 2<sup>nd</sup> August, 2016. Public hearing was conducted by the Maharashtra Pollution Control Board dated 28<sup>th</sup> July, 2017.

9. The proposal was considered by the Expert Appraisal Committee (Industry-2) in its 38 meeting held during 25-27 June, 2018. The project proponent and their accredited consultant M/s. Mantras Green Resources Ltd. presented the EIA / EMP report as per the ToR. The Committee found the EIA/EMP report to be satisfactory and complying with the ToR. The Committee has recommended the proposal for grant of environmental clearance.

10. Based on the proposal submitted by the project proponent and recommendations of EAC (Industry-2), the Ministry of Environment, Forest and Climate change hereby accords environmental clearance to the project for Setting up Molasses based Distillery of 50 KLPD (Fuel Ethanol/Extra Neutral Alcohol/Absolute Alcohol/Rectified Spirit) by M/s Sadguru Sri Sri Sakhar Karkhana Ltd. at Sr.No.234, Village Rajewadi, Tehsil Atpadi, District Sangli (Maharashtra), under the provisions of the EIA Notification, 2006, subject to the compliance of terms and conditions as below:

SN	EC Conditions	Compliance Status
i.	Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under Air (prevention and Control of Pollution) Act, 1981 and the Water (prevention and Control of Pollution) Act, 1974.	<p>Complied.</p> <p>Industry has obtained Consent to Establish and Operate from Maharashtra Pollution Control Board. Consent to Establish vide letter No. Format 1.0/BO/CAC-CELL/EIC No. KP-17416-15/E/CAC-1315 dated 29.01.2016 for 50 KLPD Molasses Based Distillery Unit; copy of the same is enclosed as <b>Annexure-3</b> and 1<sup>st</sup> Consent to Operate vide letter No. Format 1.0/CAC/UAN No. MPCB-CONSENT-0000098089/CO-2102001404 Dated 25.02.2021; Copy is enclosed as <b>Annexure-4</b> and made subsequent renewal time to time.</p> <p>The industry has obtained CTO for Enhancement of Alcohol production (Ethanol) from 50 KLPD to 75 KLPD by using B-Heavy Molasses/Cane Juice as raw materials under change in product-mix.</p> <p>The latest valid CTR vide letter No. Format1.0/CAC/UAN No. MPCB-CONSENT-0000143035/ CR/2211001208 dated 15.11.2022, valid upto 31.08.2025; consent copy is enclosed as <b>Annexure-5</b>.</p> <p>Consent to Establish vide letter No. MPCB/JD(WPC)/EIA-KP-6235-11/E/CC-164 dated 24.06.2011 of Sugar unit for crushing capacity 2500 TCD; copy is enclosed as <b>Annexure-6</b> and CTE for additional 2500 TCD crushing capacity is obtained dated 13.12.2011 vide letter No. MPCB/JD(WPC)EIC-KP-7839-11/E/CC-73; copy is enclosed as <b>Annexure-7</b>.</p> <p>And industry has obtained first consent to operate after that subsequent renewal has made and latest valid Consent to Operate vide letter Format1.0/CAC/UAN No. MPCB-CONSENT-0000175466/CR/2404000387 dated 03.04.2024 valid upto 31.07.2024; copy is enclosed as <b>Annexure-8</b>.</p>
ii.	As, already committed by the Project Proponent Zero Liquid Discharge shall be ensured and no waste/ treated water shall be discharged outside of the premises	<p><b>It is being Complied.</b></p> <p>Currently, Spent wash is treated by bio-methanation treatment followed by MEE and bio-composting and concentrated spent wash is being used for preparation of compost along with press mud of sugar unit and ETP sludge. In future spent wash generated from analyzer column of distillery will be treated by providing bio-methanation treatment followed by MEE with spent wash dryer. The spent wash powder from dryer will be used as manure and the</p>

		condensate from MEE and Dryer will be treated in Condensate Polishing Unit of the Distillery unit. The Bio-composting will be discontinued. Spent lees, boiler blowdown are being treated in ETP comprising of primary & secondary treatment and treated water is being used for gardening; hence Zero Liquid Discharge is being achieved.
iii.	Necessary Authorization required under the Hazardous and other waste (Management and Trans-boundary Movement) Rules 2016. Solid waste management Rules 2016 shall be obtained and provisions contained in the Rules shall be strictly adhered too.	Complied. Industry has obtained authorization under the Hazardous and other waste (Management and Trans-boundary Movement) Rules 2016. Solid waste management Rules 2016, vide letter No. Format 1.0/CAC/UAN No. MPCB-CONSENT-0000098089/CO-2102001404 Dated 25.02.2021; The latest valid permission No. Format 1.0/CAC/UAN No. MPCB CONSENT-0000143035/CR/ 2211001208 dated 15.11.2022 valid upto 31.08.2025 and Format 1.0/CAC/UAN No. MPCB CONSENT-0000175466/CR/2404000387 dated 03.04.2024 valid upto 31.07.2024
iv.	To control and the fugitive emission, suitable pollution devices shall be installed to meet the prescribed norms and or the NAAQS. The gaseous emission shall be dispersed through stack of adequate as per CPCB/ SPCB guidelines.	Complied. A stack of 72 meter height followed by ESP is provided to 30 TPH boiler. Monitoring is done through MOEF&CC approved laboratory, the obtained results are well within limits as per standards; Reports are enclosed as <b>Annexure-9</b> .
v.	Total fresh water requirement shall not exceed 300 cum/ day (6 KL/KL of Alcohol) proposed to be met from rain water harvesting facility/ moisture from sugar cane. During emergency and as back up, the fresh water shall be sourced from Mhasvad Dam. Prior permission shall be obtained from the concerned regulatory authority in this regard.	It is being complied with. Fresh water requirement for distillery unit 300 KLD. Water consumption permission has been obtained from irrigation department; water permission copy is enclosed as <b>Annexure-10</b> .
vi.	The spent wash after evaporation shall be taken for bio-methanization and composted using press mud. The spent lees and evaporator condensate shall be provided physico chemical treatment for the treated water to be reused for dilution of molasses or in cooling tower as make up water	Complied. Spent wash is treated by using bio-methanation followed by MEE and bio-composting and concentrated spent wash is being used for preparation of compost along with press mud of sugar unit and ETP sludge.

vii.	Process effluent/ any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	Complied. Spent wash is transferred through closed pipelines for further treatment and Spent lees, boiler blow down are being treated in ETP comprising of primary & secondary treatment. Separate storm water drains are provided on site, hence there is no chance of mixing waste water and storm water.
viii.	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.	There is no use of any hazardous chemical in the industry. Molasses and ethanol is being stored separately in closed tanks.
ix.	Process organic residue and spent carbon, if any, shall be sent to cement industries ETP sludge, process inorganic & evaporation & salt shall be disposed off to the TSDF.	Complied. There is 5.1 Used or spent oil is generated which is being sold to authorized recyclers. ETP sludge is being used as manure and Boiler ash is being sold to brick manufacturers.
x.	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per Motor Vehicle Act (MVA), 1989	Not applicable. There is no use of any hazardous chemical in the industry.
xi.	The company shall undertake waste minimization measures asbelow: (a) Metering and control of quantities of active ingredients to minimizewaste. (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of close feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment cleaning to reduce wastewater generation.	Complied. Molasses which is generated from own sugar plant is being transported through closed pipelines to distillery. Bagasse which is generated from Sugar Plant is utilised in the boiler as a fuel. Press mud and ETP sludge is being used in composting. Spent wash is transferred through closed pipelines for further treatment. Boiler ash is being sold to brick manufacturers.
xii.	The green belt of 5-10 m width shall be developed in more than 33% of the total project area.	Complied. The industry has developed green belt area of 177501.50 Sq. m. which is around 33.84% of

	Mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the COCB guidelines in consultation with the State Forest Department.	total plot area. Green belt is developed near plant periphery, road side etc. Tree photographs are enclosed as <b>Annexure-11</b> .
xiii.	All the Commitments made regarding issues raised during the public hearing consultation meeting shall be satisfactorily implemented.	Complied. The public hearing was conducted dated 28.04.2021 and issues raised pertain to water scarcity, land acquisition, employment etc. and action taken for avoiding water pollution; industry has implemented ZLD in distillery unit. The treated waste water of the factory is supplied to sugarcane production on 100 acres of land. For avoiding water scarcity, we have provided adequate rain water collection drains, storm water pits which we are achieving our targets. About 85 % employments given around nearby village.
xiv.	At least 2% of the total project cost shall be allocated for Corporate Environment Responsibility (CER) and item- wise details with time bound action plan shall be prepared and submitted to the Ministry's Regional Office.	Complied. CER details are enclosed as <b>Annexure-12</b> .
xv.	For the DG sets, emission limits and the stack height shall be in conformity with the extant regulation and the CPCB guidelines. Acoustic shall be provided to DG set for controlling the noise pollution.	No D.G. Set provision at Distillery Plant and 500 kVA D.G. set capacity provision has at sugar plant with a stack height of 3.5 meter (above roof) and it will be increased to 6.0 meter in future.
xvi.	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	Complied. Fire fighting system is provided with hydrant line, fire water tank, foam type extinguishers are provided for alcohol storage tanks.
xvii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Complied. Occupational health surveillance of the workers is done once in a year and the records are maintained; report is enclosed as <b>Annexure-13</b> .
viii.	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.	There is designated space for parking of vehicles and no parking is outside on public places.

xix.	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emission.	Molasses is a raw material which is being stored in closed steel tanks.
xx.	Continuous online (24×7) monitoring system for stack emission shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/ drain carrying effluent within the premises	Continuous online (24×7) monitoring system for stack emission, ETP is provided and the system has connected to CPCB, MPCB servers.
xxi.	CO2 generated from the process shall be bottled and sold to authorized vendors.	It will be complied. We will provide CO2 bottling plant.

**Other General Conditions:**

i.	The project authorities must strictly adhere to the stipulations made by the state Pollution Control Board (SPCB), State Government and/ or any other statutory authority.	Project proponent has consented to the condition.
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Project proponent has consented to the condition. No further expansion or modifications in the plant without obtaining environmental clearance.
iii.	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations each is installed in the upwind and downwind direction as well as	Complied Ambient air quality monitoring is done through approved laboratory. Monitoring results are enclosed as <b>Annexure-14</b> .



	where maximum ground level concentrations are anticipated.	
iv.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16 <sup>th</sup> November, 2009 shall be complied with.	
v.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	The overall noise levels in and around the plant area will be kept well within the standards by providing noise control measures such as acoustic hoods, silencers and enclosures etc. The noise levels are monitored by MoEF & NABL approved laboratory, the obtained results are well within the limit of standard; report copies are enclosed as <b>Annexure-15</b> .
vi.	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.	Rainwater harvesting system has developed in the plant; a rainwater reservoir of 250 KL capacity is provided; photographs are enclosed as <b>Annexure-16</b> .
vii.	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	It is being Complied. Training is being provided to all employees w.r.t. health and safety and routine periodical medical examinations is being done.
viii.	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing shall be implemented.	<ul style="list-style-type: none"> <li>• A stack of 72 meter height followed by ESP is provided to 30 TPH boiler.</li> <li>• Spent wash is treated bio-methanation treatment followed by MEE and bio-composting and concentrated spent wash is being used for preparation of compost along with press mud of sugar unit and ETP sludge and spent lees, boiler blow down are being treated in ETP comprising of primary &amp; secondary treatment, the treated effluent is being used for irrigation.</li> <li>• Environmental quality monitoring is being done through MoEF&amp;CC laboratory.</li> </ul>

		<ul style="list-style-type: none"> <li>• 33.84% Green belt is developed within plant periphery, road side and in the plant premises.</li> </ul>																														
ix.	The company shall undertake all measures for improving socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villagers, administration and other stake holders. Also eco-developmental measures shall be undertaken for overall improvement of the environment.	<p>Complied.</p> <p>CSR Activities details are enclosed as <b>Annexure-17.</b></p>																														
x.	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	<p>Complied.</p> <p>Environmental management cell is developed; copy is enclosed as <b>Annexure-18.</b></p> <p>Environmental monitoring is being done through MoEF&amp;CC approved laboratory.</p>																														
xi.	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose	<p>Complied.</p> <table border="1"> <thead> <tr> <th>Environmental Controlling Measure</th><th>Existing Capital investment (Rs. In Crores)</th><th>O&amp;M Cost/Ann um (Rs. In crores)</th></tr> </thead> <tbody> <tr> <td>Air</td><td>3.50</td><td>0.35</td></tr> <tr> <td>Water</td><td>14.65</td><td>1.758</td></tr> <tr> <td>Noise</td><td>0.15</td><td>0.015</td></tr> <tr> <td>Environment monitoring and Management</td><td>0.10</td><td>0.025</td></tr> <tr> <td>Occupational Health</td><td>0.25</td><td>0.15</td></tr> <tr> <td>Greenbelt development &amp; maintenance</td><td>0.85</td><td>0.085</td></tr> <tr> <td>Solid Waste Management</td><td>0.25</td><td>0.012</td></tr> <tr> <td>Storm water management</td><td>0.25</td><td>0.12</td></tr> <tr> <td><b>Total</b></td><td><b>20.00</b></td><td><b>2.515</b></td></tr> </tbody> </table>	Environmental Controlling Measure	Existing Capital investment (Rs. In Crores)	O&M Cost/Ann um (Rs. In crores)	Air	3.50	0.35	Water	14.65	1.758	Noise	0.15	0.015	Environment monitoring and Management	0.10	0.025	Occupational Health	0.25	0.15	Greenbelt development & maintenance	0.85	0.085	Solid Waste Management	0.25	0.012	Storm water management	0.25	0.12	<b>Total</b>	<b>20.00</b>	<b>2.515</b>
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xii.	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/	Not Applicable.																														

	representations, if any, were received while processing the proposal.	
xiii.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	It will be complied on regular basis.
xiv.	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional offices of MoEF&CC by e-mail.	Environmental Statement Report (Form-V) is being submitted; currently, the Form-V is submitted for year ending 31 <sup>st</sup> March, 2024; copy is enclosed as <b>Annexure-19</b> . It will be uploaded on company website.
xv.	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <a href="http://moef.nic.in">http://moef.nic.in</a> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be	Environmental Clearance advertisement both Marathi and English is given in local newspapers dated 04.10.2018. An advertisement copy is enclosed as <b>Annexure-20</b> .

	forwarded to the concerned Regional office of the Ministry	
11.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Project Proponent has Consented to Condition.
12.	The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.	Project Proponent has Consented to Condition.
13.	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Trans boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.	Project Proponent has Consented to Condition.

## **Annexure-1**



प्रारूप 1

## पंजीकरण प्रमाण-पत्र

कॉर्पोरेट पहचान संख्या : U15421PN2010PTC135442

2009 - 2010

मैं एतद्वारा सत्यापित करता हूँ कि मैसर्स

SADGURU SRI SRI RAVI SHANKAR SAKHAR KARKHANA PRIVATE LIMITED

का पंजीकरण, कम्पनी अधिनियम 1956 (1956 का 1) के अंतर्गत आज किया जाता है और यह कम्पनी प्राइवेट लिमिटेड है।

यह निगमन-पत्र आज दिनांक दो फरवरी दो हजार दस को मेरे हस्ताक्षर से पूणे में जारी किया जाता है।

Form 1

## Certificate of Incorporation

Corporate Identity Number : U15421PN2010PTC135442

2009 - 2010

I hereby certify that SADGURU SRI SRI RAVI SHANKAR SAKHAR KARKHANA PRIVATE LIMITED is this day incorporated under the Companies Act, 1956 (No. 1 of 1956) and that the company is private limited.

Given under my hand at Pune this Second day of February Two Thousand Ten .



(VISHNU PANDURANG KATKAR)

कम्पनी रजिस्ट्रार / Registrar of Companies

महाराष्ट्र, पूणे

Maharashtra, Pune

कम्पनी रजिस्ट्रार के कार्यालय अभिलेख में संयुक्त पंजीकरण किया गया है।

Mailing Address as per record available in Registrar of Companies office:

SADGURU SRI SRI RAVI SHANKAR SAKHAR KARKHANA PRIVATE LIMITED

UNIT NO.2, ELECTRONIC CO-OP ESTATE,, PUNE-SATARA ROAD,,

PUNE - 411009,

Maharashtra, INDIA

## **Annexure-2**

# भारत सरकार-कॉर्पोरेट कार्य मंत्रालय

कम्पनी रजिस्ट्रार कार्यालय, महाराष्ट्र, पूणे

लिमिटेड कम्पनी के रूप में परिवर्तित होने के परिणामस्वरूप, कम्पनी के नाम में परिवर्तन का नया  
निगमन प्रमाण-पत्र

कॉर्पोरेट पहचान संख्या : U15421PN2010PLC135442

मैसर्स SADGURU SRI SRI RAVI SHANKAR SAKHAR KARKHANA PRIVATE LIMITED

के मामले में, मैं एतद्वारा सत्यापित करता हूँ कि मैसर्स

SADGURU SRI SRI RAVI SHANKAR SAKHAR KARKHANA PRIVATE LIMITED

जो मूल रूप में दिनांक दो फरवरी दो हजार दस को कम्पनी अधिनियम, 1956 (1956 का 1) के अंतर्गत मैसर्स

SADGURU SRI SRI RAVI SHANKAR SAKHAR KARKHANA PRIVATE LIMITED

के रूप में निगमित की गई थी, और उसके द्वारा कम्पनी अधिनियम, 1956 की धारा 44 के साथ पठित धारा 31/21 की शर्तों के अनुसार विधिवत  
आवश्यक विनिश्चय दिनांक 04/08/2010 को पारित किया है, उक्त कम्पनी का नाम परिवर्तित होकर आज मैसर्स

SADGURU SRI SRI RAVI SHANKAR SAKHAR KARKHANA LIMITED

हो गया है तथा यह प्रमाण-पत्र उक्त अधिनियम की धारा 23(1) के अनुसरण में जारी किया जा रहा है।

यह प्रमाण-पत्र, मेरे हस्ताक्षर से आज दिनांक उनतीस सितम्बर दो हजार दस को पूणे नगर में जारी किया जाता है।

## GOVERNMENT OF INDIA - MINISTRY OF CORPORATE AFFAIRS

Registrar of Companies, Maharashtra, Pune

### Fresh Certificate of Incorporation Consequent upon Change of Name on Conversion to Public Limited Company

Corporate Identity Number : U15421PN2010PLC135442

In the matter of M/s SADGURU SRI SRI RAVI SHANKAR SAKHAR KARKHANA PRIVATE LIMITED

I hereby certify that SADGURU SRI SRI RAVI SHANKAR SAKHAR KARKHANA PRIVATE LIMITED which was originally incorporated on Second day of February Two Thousand Ten under the Companies Act, 1956 (No. 1 of 1956) as SADGURU SRI SRI RAVI SHANKAR SAKHAR KARKHANA PRIVATE LIMITED having duly passed the necessary resolution on 04/08/2010 in terms of Section 31/ 21 read with Section 44 of the Companies Act, 1956; the name of the said company is this day changed to SADGURU SRI SRI RAVI SHANKAR SAKHAR KARKHANA LIMITED and this Certificate is issued pursuant to Section 23(1) of the said Act.

Given under my hand at Pune this Twenty Ninth day of September Two Thousand Ten.



(VISHNU PANDURANG KATKAR)

कम्पनी रजिस्ट्रार / Registrar of Companies

महाराष्ट्र, पूणे

Maharashtra, Pune

कम्पनी रजिस्ट्रार के कार्यालय अभिलेख में उपलब्ध पत्राचार का पता :

Mailing Address as per records available in Registrar of Companies office:

SADGURU SRI SRI RAVI SHANKAR SAKHAR KARKHANA LIMITED  
UNIT NO.2, ELECTRONIC CO-OP ESTATE,, PUNE-SATARA ROAD,,  
PUNE - 411009,  
Maharashtra, INDIA



भारत सरकार-कॉर्पोरेट कार्य मंत्रालय  
कम्पनी रजिस्ट्रार कार्यालय, महाराष्ट्र, पूणे

नाम परिवर्तन के पश्चात नया निगमन प्रमाण-पत्र

कॉर्पोरेट पहचान संख्या : U15421PN2010PLC135442

मैसर्स SADGURU SRI SRI RAVI SHANKAR SAKHAR KARKHANA LIMITED

के मामले में, मैं एतद्वारा सत्यापित करता हूँ कि मैसर्स

SADGURU SRI SRI RAVI SHANKAR SAKHAR KARKHANA LIMITED

जो मूल रूप में दिनांक दो फरवरी दो हजार दस को कम्पनी अधिनियम, 1956 (1956 का 1) के अंतर्गत मैसर्स  
SADGURU SRI SRI RAVI SHANKAR SAKHAR KARKHANA PRIVATE LIMITED

के रूप में निगमित की गई थी, ने कम्पनी अधिनियम, 1956 की धारा 21 की शर्तों के अनुसार विधिवत आवश्यक विनिश्चय पारित करके तथा  
लिखित रूप में यह सूचित करके की उसे भारत का अनुमोदन, कम्पनी अधिनियम, 1956 की धारा 21 के साथ पठित, भारत सरकार, कम्पनी कार्य  
विभाग, नई दिल्ली की अधिसूचना सं. सा. का. नि. 507 (अ) दिनांक 24.6.1985 एस्.आर.एन. A98772312 दिनांक 02/12/2010 के द्वारा  
प्राप्त हो गया है, उक्त कम्पनी का नाम आज परिवर्तित रूप में मैसर्स  
SADGURU SRI SRI SAKHAR KARKHANA LIMITED

हो गया है और यह प्रमाण-पत्र, कथित अधिनियम की धारा 23(1) के अनुसरण में जारी किया जाता है।

यह प्रमाण-पत्र, मेरे हस्ताक्षर द्वारा पूणे में आज दिनांक दो दिसम्बर दो हजार दस को जारी किया जाता है।

GOVERNMENT OF INDIA - MINISTRY OF CORPORATE AFFAIRS  
Registrar of Companies, Maharashtra, Pune

Fresh Certificate of Incorporation Consequent upon Change of Name

Corporate Identity Number : U15421PN2010PLC135442

In the matter of M/s SADGURU SRI SRI RAVI SHANKAR SAKHAR KARKHANA LIMITED

I hereby certify that SADGURU SRI SRI RAVI SHANKAR SAKHAR KARKHANA LIMITED which was originally  
incorporated on Second day of February Two Thousand Ten under the Companies Act, 1956 (No. 1 of 1956) as  
SADGURU SRI SRI RAVI SHANKAR SAKHAR KARKHANA PRIVATE LIMITED having duly passed the necessary  
resolution in terms of Section 21 of the Companies Act, 1956 and the approval of the Central Government signified in  
writing having been accorded thereto under Section 21 of the Companies Act, 1956, read with Government of India,  
Department of Company Affairs, New Delhi, Notification No. G.S.R 507 (E) dated 24/06/1985 vide SRN A98772312  
dated 02/12/2010 the name of the said company is this day changed to SADGURU SRI SRI SAKHAR KARKHANA  
LIMITED and this Certificate is issued pursuant to Section 23(1) of the said Act.

Given under my hand at Pune this Second day of December Two Thousand Ten .



(VISHNU PANDURANG KATKAR)

कम्पनी रजिस्ट्रार / Registrar of Companies

महाराष्ट्र, पूणे

Maharashtra, Pune

कम्पनी रजिस्ट्रार के कार्यालय/अदालत में उपलब्ध पत्राचार का पता :

Mailing Address as per record available in Registrar of Companies office:

SADGURU SRI SRI SAKHAR KARKHANA LIMITED  
UNIT NO.2, ELECTRONIC CO-OP ESTATE,, PUNE-SATARA ROAD,,  
PUNE - 411009,  
Maharashtra, INDIA

## **Annexure-2**

**F. No. J-11011/152/2016- IAI (I)**  
Government of India  
Ministry of Environment, Forest and Climate Change  
(IA-II Division)

Indira Paryavaran Bhawan  
Jor Bagh Road, N Delhi - 3  
Dated: 7<sup>th</sup> August, 2018

To,

**M/s Sadguru Sri Sri Sakhar Karkhana Ltd,**  
Sy.no.234, Village Rajewadi,  
Tehsil Atpadi,  
District **Sangli** (Maharashtra)

**Sub: Setting up Molasses based distillery of 50 KLPD (Fuel Ethanol/Extra Neutral Alcohol/Absolute Alcohol/Rectified Spirit) by M/s Sadguru Sri Sri Sakhar Karkhana Ltd at Sy.no.234, Village Rajewadi, Tehsil Atpadi, District Sangli (Maharashtra) - Environmental Clearance - reg.**

**Ref: Online proposal No. IA/MH/IND2/74101/2016 dated 25<sup>th</sup> May, 2018**

Sir,

This has reference to your online proposal No. IA/MH/IND2/74101/2016 dated 25<sup>th</sup> May, 2018 for environmental clearance to the above project, along with the documents including Form-1, Terms of Reference (ToR), EIA/EMP report containing the public hearing proceedings/details.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the project for setting up molasses based distillery of 50 KLPD (Fuel Ethanol/Extra Neutral Alcohol/Absolute Alcohol/Rectified Spirit) by M/s Sadguru Sri Sri Sakhar Karkhana Ltd (SSSSKL) in a total area of 103.62 acres at Sy.no.234, Village Rajewadi, Tehsil Atpadi, District Sangli (Maharashtra). The project also includes expansion of existing sugar plant from 2500 TCD to 5000 TCD and cogeneration plant from 12 MW to 22 MW.

3. Existing land area is 241192 sqm, additional land of area 178142.62 sqm shall be required for the proposed expansion. It is proposed to develop greenbelt in an area of 138378.21 sqm, covering 33% of the total project area. Total project cost is estimated to be Rs.252.196 crore including existing investment of 137.196 crore. The capital cost earmarked for pollution control measures is Rs.818 lakhs and the annual recurring cost would be about Rs.142 lakhs per annum. There are no National Parks, Wildlife Sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc within 10 km of the project site.

4. Total water requirement for first run is estimated to be 454 cum/day, out of which fresh water intake of 300 cum/day (6 KL/KL of Alcohol) is proposed to be met from rain water harvesting/moisture from sugar cane. However, to meet the shortfall, if any, water requirement would be met from Mhasvad Dam, Rajewadi.

Effluent of 400 cum/day shall be generated and sent to the existing ETP for treatment. Spent wash shall be taken to bio-methanation plant for primary treatment for production of biogas. There will be no discharge of treated/untreated waste water from the unit, and thus ensuring Zero Liquid Discharge.



5. Power requirement shall be increased from 4 to 9.5 MW proposed to be met from Co-generation plant. Existing unit has 2 DG sets, which shall be provided with adequate stack height of 60 m as per CPCB norms and used as standby during power failure.

Existing sugar unit has 70 TPH fired Boiler. One bagasse fired boiler of capacity 50 TPH to cater to the proposed expansion shall be installed. Electrostatic precipitator with a stack height of 60 m will be provided with the proposed boiler to control the particulate emissions within the statutory norms. Generated CO<sub>2</sub> shall be compressed, liquefied and sold to consumers.

6. Spent wash generated from the distillery process shall be taken to bio-digester for primary treatment, followed by MEE for bio-composting as secondary treatment. Biocompost (28 MT/day) shall be generated and sold to nearby farmers as fertilizer. The ash collected at the bottom (1.2 MT/day) shall be used as manure and fly ash (4.8 MT/day) to be sold to brick manufacturers. Spent oil from the gear boxes and DG sets will be reused or sold to the authorized vendors as per the Hazardous Wastes (Management and Handling) Amendment Rules, 2016.

7. The project/activity is covered under category A of item 5 (g) 'All Molasses based distilleries' of the Schedule to the Environmental Impact Assessment Notification, 2006 and requires appraisal at Central level by the sectoral EAC in the Ministry

8. The ToR for the project was granted on 2<sup>nd</sup> August, 2016. Public hearing was conducted by the Maharashtra Pollution Control Board on 28<sup>th</sup> July, 2017.

9. The proposal was considered by the Expert Appraisal Committee (Industry-2) in its 38<sup>th</sup> meeting held during 25-27 June, 2018. The project proponent and their accredited consultant M/s Mantras Green Resources Ltd presented the EIA / EMP report as per the ToR. The Committee found the EIA/EMP report to be satisfactory and complying with the ToR. The Committee has recommended the proposal for grant of environmental clearance.

10. Based on the proposal submitted by the project proponent and recommendations of EAC (Industry-2), the Ministry of Environment, Forest and Climate change hereby accords environmental clearance to the project for **Setting up Molasses based Distillery of 50 KLPD (Fuel Ethanol/Extra Neutral Alcohol/Absolute Alcohol/Rectified Spirit)** by M/s Sadguru Sri Sri Sakhar Karkhana Ltd at Sy.no.234, Village Rajewadi, Tehsil Atpadi, District Sangli (Maharashtra), under the provisions of the EIA Notification, 2006, subject to the compliance of terms and conditions as below:-

(i) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.

(ii) As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.

(iii) Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.



(iv) To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.

(v) Total fresh water requirement shall not exceed 300 cum/day (6 Kl/Kl of Alcohol) proposed to be met from rain water harvesting facility/moisture from sugar cane. During emergency and as back up, the fresh water shall be sourced from Mhasvad Dam. Prior permission shall be obtained from the concerned regulatory authority in this regard.

(vi) The spent wash after evaporation shall be taken for bio-methanization and composted using press mud. The spent lees and evaporator condensate shall be provided physico chemical treatment for the treated water to be reused for dilution of molasses or in cooling tower as make up water.

(vii) Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.

(viii) Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.

(ix) Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.

(x) The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

(xi) The company shall undertake waste minimization measures as below:-

- (a) Metering and control of quantities of active ingredients to minimize waste.
- (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
- (c) Use of automated filling to minimize spillage.
- (d) Use of Close Feed system into batch reactors.
- (e) Venting equipment through vapour recovery system.
- (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.

(xii) The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.

(xiii) All the commitments made regarding issues raised during the public hearing/consultation meeting shall be satisfactorily implemented.

(xiv) At least 2% of the total project cost shall be allocated for Corporate Environment Responsibility (CER) and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office.

(xv) For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.



- (xvi) The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
- (xvii) Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- (xviii) There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.
- (xix) Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- (xx) Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
- (xxi) CO<sub>2</sub> generated from the process shall be bottled and sold to authorized vendors.

**10.1** The grant of Environmental Clearance is further subject to compliance of other generic conditions as under:-

- (i) The project authorities must strictly adhere to the stipulations made by the state Pollution Control Board (SPCB), State Government and/ or any other statutory authority.
- (ii) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- (iii) The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- (iv) The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16<sup>th</sup> November, 2009 shall be complied with.
- (v) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- (vi) The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
- (vii) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall

*SH*

be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.

(viii) The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing shall be implemented.

(ix) The company shall undertake all measures for improving socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villagers, administration and other stake holders. Also eco-developmental measures shall be undertaken for overall improvement of the environment.

(x) A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

(xi) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.

(xii) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.

(xiii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.

(xiv) The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional offices of MoEF&CC by e-mail.

(xv) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <http://moef.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional office of the Ministry.

**11.** The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

**12.** The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.



13. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

*SK*  
7/8/2018

(S. K. Srivastava)  
Scientist E

**Copy to: -**

1. The Additional Principal Chief Conservator of Forests, Regional Office (WCZ), Ministry of Environment, Forest and Climate Change, Ground Floor, East Wing, New Secretariat Building, Civil Lines, **Nagpur**- 440001 (Maharashtra)
2. The Principal Secretary, Environment Department, Government of Maharashtra, 15<sup>th</sup> Floor, New Administrative Building, Mantralaya, **Mumbai** (Maharashtra) - 32
3. The Member Secretary, Central Pollution Control Board Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, **Delhi** - 32
4. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3<sup>rd</sup> and 4<sup>th</sup> floor, Opp. Cine Planet, Sion Circle, **Mumbai** - 22
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, **New Delhi** - 3
6. Guard File/Monitoring File/Record File

*SK*  
7/8/2018

(S. K. Srivastava)  
Scientist E



### **Annexure-3**



# MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010437/24020781/24014701

Fax: 24024068 /24023515

Website: <http://mpcb.gov.in>

E-mail: [mpcb@vsnl.net](mailto:mpcb@vsnl.net)



Kalpataru Point, 2<sup>nd</sup> - 4<sup>th</sup> Floor,

Opp. Cine Planet Cinema,

Near Sion Circle, Sion (E)

Mumbai - 400 022

Red/LSI

Date: 29/01/2016.

Consent No: Format -1.0/BO/CAC-CELL/EIC NO.KP-17416-15/E/CAC- 1315

To,

M/s. Sadguru Sri Sri Sakhar Karkhana Ltd., (Distillery),

A/p - Nagewadi, Tal. Atpadi,

Dist. Sangli.

**Subject: Consent to Establish for proposed 50 KLPD Molasses base Distillery Unit under RED category.**

Ref : 1. CAC meeting held on 17.12.2015.

Your application: CE1508000191.

Dated: 06.07.2015.

**For: Consent to Establish for proposed 50 KLPD Molasses base Distillery Unit under RED category**, 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 5 of the Hazardous Wastes (M, H & T M) Rules 2008 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, & III annexed to this order:

1. The consent is granted for a period up to commissioning or up to 5 years whichever is earlier.
2. The Capital investment of the proposed Distillery Unit is Rs 35.00 Crs; capital investment of the existing Sugar & Co-gen unit is Rs. 111.62 Crs. (As per C.A. Certificate submitted by industry)
3. The Consent is valid for the manufacture of -

Sr. No.	Product / By-Product Name	Maximum Quantity	UoM
1	Rectified Sprit	53	KL/D
2	Extra Neutral Alcohol	50	KL/D
	OR		
	Absolute Alcohol	50	KL/D

(Distillery Capacity shall not exceed Molasses based 50 KLPD)

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

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	400 (After volume reduction 115 CMD)	As per Schedule - I	Bio- methanation followed by Multiple effect evaporation followed by Bio-composting.
2.	Domestic effluent	12.0	As per Schedule - I	On land for irrigation





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

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1	Boiler (15 TPH)	1	As per Schedule – II

6. Conditions under Hazardous Waste (M, H & T M) Rules, 2008 for treatment and disposal of hazardous waste:

Sr. No.	Type of Waste	Category	Quantity	UOM	Disposal
1	Distillation Residue	20.3	300	Kg/A	Composting
2	Residue of Barrel Cleaning	---	300	Kg/A	Composting

7. Non-Hazardous Solid Wastes:

Sr. No.	Type of Waste	Quantity	UOM	Treatment	Disposal
1	Yeas Sludge	----	MT/D	---	Used in Composting.
2.	Boiler Ash	----	MT/D	---	By Sale.

8. 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-19/8/2010, fencing of the site to protect it from getting encroached & construction of temporary shed(s) for the guard(s) & acquisition of land shall not be treated as an effective steps.

9. Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.

10. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.

For and on behalf of the  
Maharashtra Pollution Control Board



(Dr. P. Anbalagan, IAS)  
Member Secretary

Received Consent fee of –

Sr. No.	Amount ( ` )	DD. No.	Date	Drawn On
01	Rs. 75,000/-	450573	27.06.2015	Canara Bank
02	Rs. 100/-	440570	26.06.2015	Canara Bank

Copy to:

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



## Schedule-I

### **I) Terms & Conditions for compliance of Water Pollution Control**

A] You have proposed to provide comprehensive treatment for volume reduction consisting of Bio-digester followed by Multiple Effect Evaporator and Bio-composting on 5 Acres.

#### **B] Conditions for Aerobic Composting:**

- i. The spent wash should be stored in impervious tanks. The spent wash tanks should have proper lining with HDPE and should be kept in proper condition to prevent ground water pollution. As per the CPCB recommendation and undertaking given by the company, storage should not exceed 30 days capacity.
- ii. Applicant shall ensure availability of adequate filler material such as press mud, bagasses, agricultural, biological waste as required for effective composting system.
- iii. Composted material shall meet the following specifications—

Moisture	...	30 to 35%
C/N	...	Below 17
Nitrogen	...	1.5 to 2%
Phosphorous	...	1.5 to 2%
Potassium	...	3 to 4%
- iv. The composting site shall be prepared as per the guideline enclosed. Composting shall be such that it includes mechanical mixing and spraying of spent wash along with mechanical aeration to ensure thorough composting. Hand/ manual spraying of spent wash shall not be permitted.
- v. The compost leachate (1 gr. of compost mixed with 100 ml. of distilled water and filtered) Filterate shall conform to the following limit.

pH	Between	7.5 to 8.0
BOD 3 days 27 Deg. C.	Not to exceed	30 mg/l.
- vi. A pucca leak proof guard pond of 30 days holding capacity as per (i) above shall cope up with the effluent discharge during short term process disturbances. In case of prolonged disturbance in effluent treatment and disposal system, distillery shall be shut down and shall not be restarted without rectifying the system.
- vii. The composting site/pits shall be made leak proof by proper lining. A catch drain shall be provided around the composting site to collect the storage pond for application on compost depots. Arrangements for overturning of compost material in windrows and spraying of spent wash shall be made to ensure appropriate aeration and uniform distribution of spent wash.
- viii. In case of composting in open fields, the application of spent wash shall stop by end of April, so that compost is ready and the site is cleared of the composted manure before monsoon (i.e. 31st May). The manure shall be collected and stored on a raised platform with suitable rain cover so that the compost manure is not washed away by rain/runoff.
- ix. Characteristic of soil, ground water and effect on crop yield should be monitored in the area where compost is used as manure and results thereof shall be compiled and reported in the Environment statement to be submitted every year.
- x. The test wells shall be provided around the compost site for ground water monitoring. The well water quality has to be maintained at 2006 level.
- xi. Top pullover impervious sheets shall be provided for entire compost yard, press mud and compost storage so as to cover the same during untimely rains and idles period.
- xii. The operation of distillery should be restricted to 270 days in a year and that it will not operate during rainy season.





- 1) The industry shall create 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.
- 2) 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 / CREP guidelines if applicable.

**II) Conditions under Water (Prevention & Control of Pollution) CESS Act, 1977 as amended**

The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said act.

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, boiler feed etc.,	000.0
2.	Domestic purpose	15.0
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	500.0
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	—





**Schedule-II**  
**Terms & conditions for compliance of Air Pollution Control**

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

Sr. No.	Stack Attached to	APC System	Height in meter	Type of Fuel	Quantity	UoM	S %	SO <sub>2</sub> Kg/ Day
1	Boiler (15 TPH)	Wet Scrubber	65	Bagasse	109.44	MT/D	0.2%	437.76
				Bio-gas	830	M <sup>3</sup> /H	----	---

2. 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.
3. 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).
4. 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> |
|--------------------|---------------|------------------------|
5. 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.
6. 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).





**Schedule-III**  
**Details of Bank Guarantees**

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to E	10/- Lakhs	15 days.	Not to take any effective steps for implementation of the project prior to obtaining EC	Till obtaining EC & 1 <sup>st</sup> C to O.	1 year

*[Handwritten Signature]*





**Schedule-IV**  
**General Conditions**

- 1) **Industry shall obtain Environmental Clearance from MoEF, Government of India, New**
- 2) 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.
- 3) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 4) 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.
- 5) 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.
- 6) 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.
- 7) The firm shall submit to this office, the 30<sup>th</sup> day of September every year, the Environmental Statement Report for the financial year ending 31<sup>st</sup> March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 8) The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the HW (MH&TM) Rules 2008, 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.
- 9) The industry should comply with the Hazardous Waste (M, H & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazardous Waste (M, H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30<sup>th</sup> June of every year.
- 10) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 11) **The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/ Activity.**
- 12) 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](http://www.mpcb.gov.in)).
- 13) 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.
- 14) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 15) 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.
- 16) **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 MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 17) The industry should not cause any nuisance in surrounding area.
- 18) 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.
- 19) The applicant shall maintain good housekeeping.
- 20) 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 31<sup>st</sup> March of the year and number of trees planted by September end.
- 21) 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.
- 22) 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.
- 23) 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.
- 24) 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 be downloaded from MPCB official site).
- 25) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 26) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.
- 27) 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.
- 28) 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.

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## **Annexure-4**

# 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-0000098089/CO - 2102001404

Date: 25/02/2021

To,

SADGURU SRI SRI SAKHAR KARKANA LTD.  
231/232, Rajewadi  
Atpadi, Sangli.

**Sub: 1st Consent to Operate for 50 KLPD Molasses Base distillery. under RED Category.**

- Ref:**
1. Consent to Establish granted by Board vide No. BO/CAC-CELL/EIC NO. KP-17416-15/E/CAC-13 15 dtd. 29.01.2016.
  2. Environmental Clearance vide letter F NO. J - 110011/15212016-IA II dtd. 07.08.2018.
  3. Minutes of CAC Meeting dtd. 19.12.2020.

Your application No.MPCB-CONSENT-0000098089 Dated 12.09.2020

For: Consent to Operate under Section 26 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 operate is granted for a period up to 31/08/2021
2. The capital investment of the project is Rs.86.43 Crs. (As per C.A Certificate submitted by industry )
3. Consent is valid for the manufacture of:

Sr No	Product	Maximum Quantity	UOM
Products			
1	Rectified Spirit OR ENA OR Ethanol	50	KL/D

Distillery Capacity shall not exceed (Molasses base) 50 KLPD.

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	400	As per Schedule-I	Bio-methanisation followed by MEE and Biocomposting
2.	Domestic effluent	12	As per Schedule-I	On land for irrigation.





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 (30 TPH)	1	As per Schedule -II

6. Non-Hazardous Wastes:

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Sludge	300	MT/A	Dried in sludge beds.	Used for agriculture as manure
2	Boiler Ash	0.272	MT/Hr	cooling with water	Sold to brick manufacturer & composting

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 This consent is issued pursuant to the decision of the Consent Appraisal Committee Meeting held on 19.12.2020,
- 11 The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. F NO. J - 110011/15212016-IA II dtd. 07.08.2018.
- 12 Industry shall operate Online Continuous Emission Monitoring System (OCEMS) and shall transmit the data to Board's server directly through the data logger without any intermediate server.
- 13 The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)

For and on behalf of the  
Maharashtra Pollution Control Board.



*(Signature)*  
(Ashok Shingare IAS),  
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	75000.00	MPCB-DR-1971	18/09/2020	NEFT
2	150000.00	MPCB-DR-2486	29/10/2020	NEFT

Copy to:

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



### SCHEDULE-I

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

##### **1. Conditions for Trade effluent:**

- A) You have provided comprehensive treatment i.e Effluent treatment plant for trade effluent 400 CMD including Bio-digester followed by MEE for volume reduction (300 CMD condensate recycled in process & 100 CMD concentrated for composting) and Bio-composting for achieving zero discharge. In no any spent wash shall discharge outside the factory premises/ on land / into stream directly or indirectly.
- B) Industry shall provide CPU for recycle/reuse of treated effluent.
- C) Industry shall operate Online Continuous Emission Monitoring System (OCEMS) and shall transmit Online Continuous Emission Monitoring System (OCEMS) data to Board's server directly through the data logger without any intermediate server.

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

- i. You have provided septic tank and soak pit (for sewage below 20 CMD).
- 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.
3. The operation of distillery should be restricted to 270 days in a year and that it will not operate during rainy season.
4. 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	0.00
2.	Domestic purpose	15.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	300.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0

Water consumption is restricted as per EC .

5. Industry shall install online monitoring system as per the guidelines of CPCB and data to be transmitted to Board's server.





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 provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM
1	Boiler	ESP	72	Bagasse/Biogas	11.36 MT/Day

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/Nm3
--------------------	---------------	------------

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).

#### 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 O	500000	15 days	Towards compliance of Consent & Environmental Clearance conditions.	31.08.2021	30.12.2021





**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:**

- The Energy source for lighting purpose shall preferably be LED based
- 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
- Conditions for D.G. Set
  - Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - 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.
  - 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.
  - Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - 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.
  - D.G. Set shall be operated only in case of power failure.
  - The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - 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.
- The applicant shall maintain good housekeeping.
- 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.
- 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.
- 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.
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.
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*  
(Ashok Shingare IAS),  
Member Secretary

## **Annexure-5**

# 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-0000143035/CR/2211001208

Date: 15/11/2022

To,  
Sadguru Sri Sri Sakhar Karkhana Ltd, Rajewadi  
Sy. No - 231/232, Rajewadi, Atpadi, Sangli. Pin Code -  
415315



Your Service is Our Duty

**Sub: Renewal of 75 KLPD capacity Distillery unit.**

- Ref:**
1. Renewal of consent granted by the Board vide no. Format1.0/CAC/UAN No. MPCB- CONSENT--0000124355/CO/2203001273, dated 24.03.2022.
  2. MoEFCC Notification dtd. 16.01.2020 & 02.03.2021.
  3. Minutes of CAC Meeting dtd. 29.09.2022.

Your application No.MPCB-CONSENT-0000143035 Dated 05.07.2022

For: Consent to Renewal under Section 26 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 renewal is granted for a period up to 31/08/2025**
2. **The capital investment of the project is Rs.62.5772 Crs. (As per C.A Certificate submitted by industry 94.4384 CI is decrease by 31.86 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	RS/ENA OR	50	KL/D
	Ethanol	75	KL/D

PP shall comply with all the conditions in MoEFCC notification dated 16.01.2020 & 2.03.2021 & distillery capacity shall not exceed to 75 KLPD.

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	400	As per Schedule-I	Bio-digester, MEE & bio-Composting to achieve ZLD.
2.	Domestic effluent	15	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	S-1	Boiler (30 TPH)	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Sludge	300	MT/A	Drying	Used for agriculture as manure
2	Boiler Ash	0.272	MT/Hr	NA	Sold to brick manufacturer and Composting

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
1	5.1 Used or spent oil	5	Ltr/M	Recycle	Sale to authorized recycler

- The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- This consent is issued pursuant to the decision of the Consent Appraisal Committee Meeting held on 29.09.2022.
- The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. F. No. J-11011/152/2016- IA-II(I) Dtd. 7.08.2018 and ensure display/upload of six-monthly compliance monitoring report on your official website.
- PP shall ensure uninterrupted connectivity of OCEMS to Board server directly through data logger.
- PP shall comply with all the conditions in MoEFCC notification dated 16.01.2020 & 2.03.2021.
- PP shall submit/extend the BG of Rs. 25 Lakh towards operation and maintenance of pollution control system and compliance of consent conditions.
- The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)
- This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.



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**Signed by: Dr. Y.B.Sontakke**  
Joint Director(WPC) & InCharge Of CAC-Cell  
For and on behalf of  
**Maharashtra Pollution Control Board**  
cac-cell@mpcb.gov.in  
2022-11-15 18:19:51 IST

**Received Consent fee of -**

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	300000.00	TXN2207002883	26/07/2022	Online Payment

**Copy to:**

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



## **SCHEDULE-I**

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

#### **1. Conditions for Trade effluent:**

- A] As per your application, Spent wash generation after using C-heavy molasses (50 KLPD) is 400 CMD (after MEE- 89 CMD), after using B-heavy molasses (75 KLPD) will be 375 CMD (after MEE- 83 CMD) and after using syrup (75 KLPD) will be 260 CMD (after MEE- 58 CMD). For treatment of same you have provided comprehensive treatment i.e Effluent treatment plant consisting of Bio-methanisation followed by MEE and Bio composting for achieving zero discharge. In no case spent wash shall discharge outside the factory premises/ on land / into stream directly or indirectly.
- B] Industry shall operate Online Continuous Emission Monitoring System (OCEMS) and shall transmit Online Continuous Emission Monitoring System (OCEMS) data to Board's server directly through the data logger without any intermediate server

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

- i. You shall provide sewage treatment plant for the treatment of 15 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.

#### **3. Conditions for Aerobic composting:**

- i. The spent wash should be stored in impervious tanks. The spent wash tanks should have proper lining with HDPE and should be kept in proper condition to prevent ground water pollution. As per the CPCB recommendation and undertaking given by the company, storage should not exceed 30 days capacity.
- ii. Applicant shall ensure availability of adequate filler material such as press mud, bagasses, agricultural, biological waste as required for effective composting system.
- iii. Composted material shall meet the following specifications—

Moisture	30 to 35%
C/N	Below 17
Nitrogen	1.5 to 2%
Phosphorous	1.5 to 2%
Potassium	3 to 4%

- iv. The composting site shall be prepared as per the guideline enclosed. Composting shall be such that it includes mechanical mixing and spraying of spent wash along with mechanical aeration to ensure thorough composting. Hand/ manual spraying of spent wash shall not be permitted.
  - v. The compost leachate (1 gr. of compost mixed with 100 ml. of distilled water and filtered) Filtrate shall conform to the following limit.
 

pH	Between	Between
BOD 3 days 27 Deg. C	Not to exceed	30 mg/l
  - vi. A pucca leak proof guard pond of 30 days holding capacity as per (i) above shall cope up with the effluent discharge during short term process disturbances. In case of prolonged disturbance in effluent treatment and disposal system, distillery shall be shut down and shall not be restarted without rectifying the system.
  - vii. The composting site/pits shall be made leak proof by proper lining. A catch drain shall be provided around the composting site to collect the storage pond for application on compost depots. Arrangements for overturning of compost material in windrows and spraying of spent wash shall be made to ensure appropriate aeration and uniform distribution of spent wash.
  - viii. In case of composting in open fields, the application of spent wash shall stop by end of April, so that compost is ready and the site is cleared of the composted manure before monsoon (i.e. 31st May). The manure shall be collected and stored on a raised platform with suitable rain cover so that the compost manure is not washed away by rain/runoff.
  - ix. Characteristic of soil, ground water and effect on crop yield should be monitored in the area where compost is used as manure and results thereof shall be compiled and reported in the Environment statement to be submitted every year.
  - x. The test wells shall be provided around the compost site for ground water monitoring. The well water quality has to be maintained at 2006 level.
4. The operation of distillery should be restricted to 270 days in a year and that it will not operate during rainy season.
  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:

<b>Sr. No.</b>	<b>Purpose for water consumed</b>	<b>Water consumption quantity (CMD)</b>
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	15.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	300.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	00

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 provided the Air pollution control (APC) system and erected 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>
S-1	Boiler	ESP	72	Bagasse + Biogas	11.36 MT/Day	0.20	100.00

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>
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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 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.
8. 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).
9. 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.

## **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 R	25 Lakh	submit/extend in 15 days	towards O & M of pollution control systems and compliance of consent conditions.	31.08.2023	28.02.2024



### 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.
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 1948
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.
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](http://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. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or 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.
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.

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This certificate is digitally & electronically signed.

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## **Annexure-6**



# MAHARASHTRA POLLUTION CONTROL BOARD

Tel : 2402 0781 / 2401 0437

Fax : 2402 4068

Visit us at :

Website : <http://mpcb.mah.nic.in>

E-mail : [mpcb@vsnl.net](mailto:mpcb@vsnl.net)



Kalpataru Point,  
2nd, 3rd & 4th floor,  
Opp. Cineplanet,  
Near Sion Circle, Sion (E),  
Mumbai - 400 022.

RED/LSI

Consent No. MPCB/JD (WPC)/EIC-KP-6235-11/E/CC-164

Date: 24/06/2011

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 / Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008.

[To be referred as Water Act, Air Act and HW (M, H & T M) Rules respectively].

CONSENT is hereby granted to

M/s.Sadguru Sri Sri Sakhar Karkhana Ltd,  
S.No.231/232, At Rajewadi, Post - Atpadi,  
Tal: Atpadi, Dist: Sangli.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW (M, H & T M) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Establish is granted for a period upto commissioning of the unit or 5 years whichever is earlier.

2. The consent is valid for the manufacture of -

Sr. No.	Product	Maximum Quantity
1.	Sugar	275.0 MT/D
2.	Molasses	112.5 MT/D
3.	Bagasses	300.0 MT/D
4.	Press Mud	750.0 MT/D

(Crushing Capacity of the industry is 2500 TCD)

3. Conditions Under Water Act:

(i) The total daily quantity of trade effluent from the factory shall not exceed 360.0 m3/day.

(ii) The total daily quantity of domestic effluent from the factory shall not exceed 40.0 m3/day.

(iii) Trade Effluent Treatment:

The applicant shall provide comprehensive treatment system consisting of primary/secondary and/or tertiary treatment as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards.

1)	pH	Between	5.5 to 9.0
2)	Suspended Solids	Not to exceed	100 mg/l.
3)	BOD 5 days 27 Deg. C.	Not to exceed	100 mg/l.
4)	COD	Not to exceed	250 mg/l.
5)	Oil & Grease	Not to exceed	10 mg/l.
6)	T.D.S.	Not to exceed	2100 mg/l.
7)	Sulphates	Not to exceed	1000 mg/l.
8)	Chlorides	Not to exceed	600 mg/l.

(iv) Effluent Disposal: The treated effluent shall be reused/recycled to the maximum extent and rest shall be used for irrigation within factory premises only. In no case, at any time effluent shall finds its way to any water body directly or indirectly.





- (v) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

(1)	Suspended Solids	Not to exceed 100	mg/l.
(2)	BOD 3 days 27 Deg. C.	Not to exceed 100	mg/l.

- (vi) **Sewage Disposal:** The treated sewage shall be used on land for gardening within factory premises only. In no case, at any time effluent shall find its way to any water body directly or indirectly.

- (vii) **Non-Hazardous Solid Wastes :**

Type of waste	Quantity	Treatment	Disposal
Boiler Ash	---	---	Sale to brick mfg.
ETP Sludge	15 MT/Y	---	Used as manure

#### 4. CONDITIONS FOR MOLASSES STORAGE:-

- The molasses shall be properly collected and stored in steel tanks which shall be absolutely leak proof. At no stage of handling of molasses, there shall be leakage or spillage.
- The capacity of tanks for storage of molasses shall be such that at no time the molasses shall be required to be stored in kutcha pits. Adequate space storage capacity shall be available to take care of bumper production of sugar, non-lifting of molasses etc.
- All the area on which molasses are stored and handled should be provided with drain for diverting the spills to the treatment plant/ molasses tank. Suitable arrangements for accidental discharges of molasses from the tanks shall be provided to contain the same within factory premises.
- Destruction of molasses and its disposal shall not be done without specific permission in writing from the authorized officer of the Board, intimation of intention to destroy or dispose of the molasses shall be given to the Board atleast 15 (fifteen) days in advance by registered post under intimation to the Sub-Regional officer and Regional officer of the Board under whose jurisdiction the factory is situated.
- The storage tanks shall be kept in good conditions all the year round with adequate maintenance. The tanks size and capacity per cm. height, total capacity in tonnes shall be displayed prominently near the tank.
- The above conditions shall be in addition to and not in derogation of the provisions contained in the "Bombay Molasses Rules, 1955" and "Maharashtra Molasses Storage and Supply Regulation, 1965".
- The industry should monitor effluent quality regularly.

4. The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 ( to be referred as Cess Act ) and Rules thereunder :

The daily water consumption for the following categories is as under:

(i) Domestic	...	60	CMD
(ii) Industrial Processing	...	600	CMD
(iii) Industrial Cooling/Boiler	...	250	CMD
(iv) Agriculture / gardening & other	...	----	CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.





**5. CONDITIONS UNDER AIR ACT:**

- (i) The applicant shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

**Control Equipment:**

- 1] ESP/Wet scrubber of sufficient capacity shall be provided within a 3 months to bagasse fired boiler.
- 2] Dust collector of sufficient capacity shall be provided to sugar bagging section.

**(i) Standards for Emissions of Air Pollutants:**

- |      |                 |               |                          |
|------|-----------------|---------------|--------------------------|
| (i)  | TPM/SPM         | Not to exceed | 150 mg/Nm <sup>3</sup> . |
| (ii) | SO <sub>2</sub> | Not to exceed | 6000 kg/day.             |

- (ii) The applicant shall observe the following fuel pattern:-

<u>Sr.No.</u>	<u>Type of Fuel</u>	<u>Quantity</u>
1.	Bagasse	15000 MT/day.

- (iii) The applicant shall erect the chimney(s) of the following specifications: -

<u>Sr.No.</u>	<u>Chimney attached to</u>	<u>Height in Mtrs.</u>
1.	Boiler	60 mtrs.

- (iv) The applicant shall provide ports in the chimney(s) and facilitates 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.
- (v) The industry shall take adequate measures for control for 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.

**Other Conditions:**

- [1] The industry should not cause any nuisance in surrounding area.
- [2] The industry should monitor stack emissions and ambient air quality regularly.

**6. CREP Conditions for Sugar Factory:-****(A) Water Management:-**

- i) Operation of ETP Shall be started at least one month before starting of cane crushing to achieve desired MLSS. So as to meet prescribed standards from day one the operation of mill.
- ii) Waste water generation shall be reduced to 100 liters per tone of cane crushed.
- iii) Industry shall achieve zero discharge into in land surface water bodies.
- iv) 15 days storage capacity tank shall be provided for treated effluent to take care of no demand for irrigation.

- (B) Emission Control:** ESP/ Bag Filter/ Wet Scrubber shall be installed to comply with standards for particulars matter emission to < 150 mg/Nm<sup>3</sup>.





7. **CONDITIONS UNDER HAZARDOUS WASTES (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES, 2008.**

The applicant shall handle hazardous wastes as specified below:

Sr. No.	Item No. Of process substance generating HW as per Schedule-I/II	Type of waste	Quantity	Disposal
1	5.1	Used/spent Oil	200 Kg/A	Burn in boiler along with Bagasses

8. 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.

9 **General Conditions:**

- (i) The applicant should bring minimum 33% of the available open land under green coverage/ plantation. The applicant should submit a yearly statement by 30<sup>th</sup> September every year on available open plot area, no. of trees surviving as on 31<sup>st</sup> March of the year and no. of trees planted by September end.
- (ii) The applicant should provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the applicant and operate the same in case of power failure to maintain compliance with the terms and conditions of the consent. In the absence of same, the applicant should stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- (iii) The applicant should make an application for renewal of the consent at least 60 days before the date of the expiry of the consent. The applicant should not change or alter 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.
- (iv) The firm should submit MPCB, the Environmental Statement Report for the financial year ending 31<sup>st</sup> March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992 before 30<sup>th</sup> September every year.
- (v) The applicant should 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 should be maintained. The applicant should also submit a comparative statement of designed power and chemical consumptions vis-a-vis actual power and chemical consumption along with Environmental statement.
- (vi) Separate drainage system should be provided for collection of trade and sewage effluents. Terminal manholes should be provided at the end of collection system with arrangement for measuring the flow. No effluent should be admitted in the pipes/sewers down- stream of the terminal manholes. No effluent should find its way other than in designed and provided collection system. Neither storm water nor discharge from other premises should be allowed to mix with the effluents from the factory.
- (vii) The applicant should provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and should pay to the Board for the services rendered in this behalf. An inspection book should be opened and made available to the Board's officers during their visit to the applicant.





# MHARASHTRA POLLUTION CONTROL BOARD

: 5:

(viii) The industry should ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.

(ix) The applicant should maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.

9. The Gross Block Capital Investment of the industry is Rs.69.59 Crore.

10. This is issued with the approval of Consent Committee of the Board in its meeting held on 03/06/2011 and with the approval of Hon.ble Chairperson of the Board.

For and on behalf of the  
Maharashtra Pollution Control Board,



(Radheshyam Mopalwaar)  
Member Secretary

To,  
M/s.Sadguru Sri Sri Sakhar Karkhana Ltd,  
S.No.231/232, At Rajewadi, Post – Atpadi,  
Tal: Atpadi, Dist: Sangli.

Copy to:

- 1) Regional Officer, MPCB, Kolhapur
- 2) Sub-Regional Officer, MPCB, Kolhapur
- 3) CAO, MPCB, Mumbai

Received Consent fee (in Rs.) vide	Amount	D.D. No.	Date	Bank Name
1	75000/-	474771	22/11/2010	Bank of India

(i) The total daily quantity of domestic effluent from the factory shall not exceed 40.0 m<sup>3</sup>/day.

## (iii) Trade Effluent Treatment:

The applicant shall provide comprehensive treatment system consisting of primary/secondary and/or tertiary treatments as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards:

1)	pH	Between	6.5 to 9.0
2)	Suspended Solids	Not to exceed	100 mg/l
3)	BOD 5 days-20°C	Not to exceed	100 mg/l
4)	COD	Not to exceed	250 mg/l
5)	Oil & Grease	Not to exceed	10 mg/l
6)	T.D.S.	Not to exceed	2100 mg/l
7)	Sulphates	Not to exceed	1000 mg/l
8)	Chlorides	Not to exceed	500 mg/l

(iv) Effluent Disposal: The treated effluent shall be reused/recycled to the maximum extent and rest shall be used for irrigation within factory premises only. In no case, at any time effluent shall find its way to any water body directly or indirectly.



## **Annexure-7**



# MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 0231-2652952 /2660448

Fax : 0231-2652952

Email : [rokolhapur@mpcb.gov.in](mailto:rokolhapur@mpcb.gov.in)

Visit At : <http://mpcb.gov.in>



Udyog Bhawan Near Collector Office,

Kolhapur - 416003

*Red/L.S.I*

Consent No: MPCB/JD(WPC) EIC-KP-7839-11/E/CC- 73

Date: 13/Dec/2011

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 / Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008.  
[To be referred as Water Act, Air Act and HW (M, H & T M) Rules respectively].

CONSENT is hereby granted to

**M/s.Sadguru Sri Sri Sakhar Karkhana Ltd.,  
S.No.231/232, At Rajewadi, Post - Atpadi,  
Tal: Atpadi, Dist: Sangli.**

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW (M, H & T M) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Establish is granted for a period upto commissioning of the unit or 5 years whichever is earlier.

2. The consent is valid for the manufacture of -

Sr. No.	Product	Maximum Quantity
1.	Sugar	275.0 MT/D
2.	Molasses	112.5 MT/D
3.	Bagasses	300.0 MT/D
4.	Press Mud	750.0 MT/D
5.	Power	12 MW

(Crushing Capacity of the industry is 2500 TCD)

3. Conditions Under Water Act:

(i) The total daily quantity of trade effluent from the factory shall not exceed 360.0 m3/day.

(ii) The total daily quantity of domestic effluent from the factory shall not exceed 40.0 m3/day.

(iii) Trade Effluent Treatment:

The applicant shall provide comprehensive treatment system consisting of primary/secondary and/or tertiary treatment as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards.

1)	pH	Between	5.5 to 9.0
2)	Suspended Solids	Not to exceed	100 mg/l.
3)	BOD 5 days 27 Deg. C.	Not to exceed	100 mg/l.
4)	COD	Not to exceed	250 mg/l.
5)	Oil & Grease	Not to exceed	10 mg/l.
6)	T.D.S.	Not to exceed	2100 mg/l.
7)	Sulphates	Not to exceed	1000 mg/l.
8)	Chlorides	Not to exceed	600 mg/l.





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(iv) **Effluent Disposal:** The treated effluent shall be reused/recycled to the maximum extent and rest shall be used for irrigation within factory premises only. In no case, at any time effluent shall find its way to any water body directly or indirectly.

(v) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

(1)	Suspended Solids	Not to exceed 100	mg/l.
(2)	BOD 3 days 27 Deg. C.	Not to exceed 100	mg/l.

(vi) **Sewage Disposal:** The treated sewage shall be used on land for gardening within factory premises only. In no case, at any time effluent shall find its way to any water body directly or indirectly.

(vii) **Non-Hazardous Solid Wastes :**

Type of waste	Quantity	Treatment	Disposal
Boiler Ash	---	---	Sale to brick mfg.

#### 4. CONDITIONS FOR MOLASSES STORAGE:-

- The molasses shall be properly collected and stored in steel tanks which shall be absolutely leak proof. At no stage of handling of molasses, there shall be leakage or spillage.
- The capacity of tanks for storage of molasses shall be such that at no time the molasses shall be required to be stored in kutch pits. Adequate space storage capacity shall be available to take care of bumper production of sugar, non-lifting of molasses etc.
- All the area on which molasses are stored and handled should be provided with drain for diverting the spills to the treatment plant/ molasses tank. Suitable arrangements for accidental discharges of molasses from the tanks shall be provided to contain the same within factory premises.
- Destruction of molasses and its disposal shall not be done without specific permission in writing from the authorized officer of the Board, intimation of intention to destroy or dispose of the molasses shall be given to the Board at least 15 (fifteen) days in advance by registered post under intimation to the Sub-Regional officer and Regional officer of the Board under whose jurisdiction the factory is situated.
- The storage tanks shall be kept in good conditions all the year round with adequate maintenance. The tanks size and capacity per cm, height, total capacity in tonnes shall be displayed prominently near the tank.
- The above conditions shall be in addition to and not in derogation of the provisions contained in the "Bombay Molasses Rules, 1955" and "Maharashtra Molasses Storage and Supply Regulation, 1965".
- The industry should monitor effluent quality regularly.

4. The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 ( to be referred as Cess Act ) and Rules thereunder :

The daily water consumption for the following categories is as under:

(i) Domestic	...	60	CMD
(ii) Industrial Processing	...	600	CMD
(iii) Industrial Cooling/Boiler	...	250	CMD
(iv) Agriculture / gardening & other	...	---	CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.





**5. CONDITIONS UNDER AIR ACT:**

- (i) The applicant shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

**Control Equipment:**

- 1] ESP/Wet scrubber of sufficient capacity shall be provided within a 3 months to bagasse fired boiler.
- 2] Dust collector of sufficient capacity shall be provided to sugar bagging section.

**(i) Standards for Emissions of Air Pollutants:**

- |      |                 |               |                          |
|------|-----------------|---------------|--------------------------|
| (i)  | TPM/SPM         | Not to exceed | 150 mg/Nm <sup>3</sup> . |
| (ii) | SO <sub>2</sub> | Not to exceed | 1100 kg/day.             |

- (ii) The applicant shall observe the following fuel pattern:-

Sr.No.	Type of Fuel	Quantity
1.	Bagasse	1100 MT/Day.

- (iii) The applicant shall erect the chimney(s) of the following specifications:-

Sr.No.	Chimney attached to	Height in Mtrs.
1.	Boiler	70 mtrs.

- (iv) The applicant shall provide ports in the chimney/(s) and facilitates 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.
- (v) The industry shall take adequate measures for control for 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.

**Other Conditions:**

- [1] The industry should not cause any nuisance in surrounding area.
- [2] The industry should monitor stack emissions and ambient air quality regularly.

**6. CREP Conditions for Sugar Factory:-****(A) Water Management:-**

- i) Operation of ETP Shall be started at least one month before starting of cane crushing to achieve desired MLSS. So as to meet prescribed standards from day one the operation of mill.
- ii) Waste water generation shall be reduced to 100 liters per tone of cane crushed.
- iii) Industry shall achieve zero discharge into in land surface water bodies.

- iv) 15 days storage capacity tank shall be provided for treated effluent to take care of no demand for irrigation.

- (B) Emission Control:** ESP/ Bag Filter/ Wet Scrubber shall be installed to comply with standards for particulars matter emission to < 150 mg/Nm<sup>3</sup>.





# 7. CONDITIONS UNDER HAZARDOUS WASTES (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES, 2008.

The applicant shall handle hazardous wastes as specified below:

Sr. No.	Item No. Of process substance generating HW as per Schedule-I/II	Type of waste	Quantity	Disposal
1	5.1	Used/spent Oil	200 Kg/A	Burn in boiler along with Bagasses
2	34.3	ETP Sludge	15 MT/Y	Used as manure

8. 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.

## 9 General Conditions:

- The applicant should bring minimum 33% of the available open land under green coverage/plantation. The applicant should submit a yearly statement by 30<sup>th</sup> September every year on available open plot area, no. of trees surviving as on 31<sup>st</sup> March of the year and no. of trees planted by September end.
- The applicant should provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the applicant and operate the same in case of power failure to maintain compliance with the terms and conditions of the consent. In the absence of same, the applicant should stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- The applicant should make an application for renewal of the consent at least 60 days before the date of the expiry of the consent. The applicant should not change or alter 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 firm should submit MPCB, the Environmental Statement Report for the financial year ending 31<sup>st</sup> March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992 before 30<sup>th</sup> September every year.
- The applicant should 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 should be maintained. The applicant should also submit a comparative statement of designed power and chemical consumptions vis-a vis actual power and chemical consumption along with Environmental statement.
- Separate drainage system should be provided for collection of trade and sewage effluents. Terminal manholes should be provided at the end of collection system with arrangement for measuring the flow. No effluent should be admitted in the pipes/sewers down- stream of the terminal manholes. No effluent should find its way other than in designed and provided collection system. Neither storm water nor discharge from other premises should be allowed to mix with the effluents from the factory.
- The applicant should provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and should pay to the Board for the services rendered in this behalf. An inspection book should be opened and made available to the Board's officers during their visit to the applicant.





: 5:

- (viii) The industry should ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- (ix) The applicant should maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
10. This consent shall not be construed as any exemption from obtaining necessary No Objection Certificate from other Government agencies as may deemed fit necessary.
11. The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board, before starting actual commercial production.
12. The Gross Block Capital Investment of the industry is Rs.69.59 Crore.
13. This is issued with the overriding effect of the earlier consent to establish issued vide No.MPCB/JD(WPC)/EIC-KP-6235-11/CC-164 dated- 24/06/2011.
13. This is issued with the approval of Consent Committee of the Board in its meeting held on 04/11/2011 & with the approval of Hon'ble Chairperson of the Board.

Board,

For and on behalf of the  
Maharashtra Pollution Control



13/12  
(Milind Mhaiskar)  
Member Secretary

To,  
M/s.Sadguru Sri Sri Sakhar Karkhana Ltd,  
S.No.231/232, At Rajewadi, Post - Atpadi,  
Tal: Atpadi, Dist: Sangli.

Copy to:

- 1) Regional Officer, MPCB, Kolhapur
- 2) Sub-Regional Officer, MPCB, Sangli.
- 3) CAO, MPCB, Mumbai

Received Consent fee (in Rs.) vide	Amount	D.D. No.	Date	Bank Name
1	75000/-	487639	02/08/2011	Bank of India
2	25000/-	620196	18/11/2011	Rajarambapu Sahakari Bank Ltd.



## **Annexure-8**

# 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, 3rd and  
4th floor, Opp. Cine Planet  
Cinema, Near Sion Circle, Sion  
(E), Mumbai-400022

No:- Format1.0/CAC/UAN No.MPCB-  
CONSENT-0000175466/CR/2404000387

Date: 03/04/2024

To,  
Sadguru Sri Sri Sakhar Karkana Ltd.,  
231/232, Rajewadi, Atpadi, Sangli.



**Sub: Renewal of Consent for sugar Unit for 5000 TCD & 17 MW.**

**Ref:** 1. Renewal of Consent granted by the Board vide No.  
Format1.0/CAC/UAN No. MPCB-  
CONSENT-0000142927/CR/2211000876 dtd. 11.11.2022 valid up  
to 31.07.2023.  
2. Minutes of CAC Meeting dtd. 18.12.2023

Your application No.MPCB-CONSENT-0000175466 Dated 21.09.2023

For: grant of Consent to Renewal under Section 26 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 and Rule 18(7) 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:

- The Consent to Renewal is granted upto: 31.07.2024**
- The capital investment of the industry is Rs.229.3195 Crs (Existing- 219.5678 Crs) Crs. (As per C.A Certificate submitted by industry).**
- Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
1	Sugar	16500	MT/M
2	Bagasse	45000	MT/M
3	Pressmud	6000	MT/M
4	Mollasses	6750	MT/M
5	Electric Power	17	MW

- (The cane crushing capacity of Sugar Industry shall not exceed 5000 TCD.)**
- Conditions under Water (P&CP) Act, 1974 for discharge of effluent:**

Sr No	Description	Permitted in CMD	Standards to	Disposal
1.	Trade effluent	356	As per Schedule - I	66 CMD is recycled and 290 CMD on land for irrigation
2.	Domestic effluent	40	As per Schedule - I	On land for gardening

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

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	Boiler (70 TPH)	1	As per Schedule -II
1	Boiler (30 TPH)	1	As per Schedule -II
1	DG Set (500 KVA)	1	As per Schedule -II

(As per previous consent of existing unit)

6. **Conditions about Non Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Sludge	0.11	MT/Day	Dried in sludge pit	Used as manure for agriculture land
2	Boiler Ash	1.16	MT/Hr	Cooling with water	Sold to brick manufacturers

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2008 for treatment and disposal of hazardous waste:**

Sr No	Type of Waste	HW Category.	Quantity & UoM	Treatment	Disposal
1	5.1 Used or spent oil	5.1	200 Kg/Annum	Recycle	Sale to Authorized recycler.

The applicant shall ensure disposal to the Actual user having permissions under Rule 9 of Hazardous and other Waste (M & TM) Rules, 2016.

a. The applicant shall properly collect, transport & regularly dispose of the hazardous waste to CHWTSDf, in compliance of the Hazardous & Other Wastes (Management & Transboundry Movement) Rules, 2016 and keep proper manifest thereof.

8. The Board reserves the right to review, amend, suspend, revoke etc. 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. This consent is issued as per the Consent Appraisal Committee meeting dated 18.12.2023.
11. PP shall ensure uninterrupted connectivity of OCEMS to Board server directly through data logger
12. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
13. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.



*Avinash*

553ee6cd  
acb49efd  
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1a6d5f40  
fb15205d  
8860707e  
496b36a6  
f12ccd71

Signed by: **Dr. Avinash Dhakne**  
Member Secretary  
For and on behalf of,  
**Maharashtra Pollution Control Board**  
ms@mpcb.gov.in  
2024-04-03 22:24:13 IST



**Received Consent fee of -**

<b>Sr.No</b>	<b>Amount(Rs.)</b>	<b>Transaction/DR.No.</b>	<b>Date</b>	<b>Transaction Type</b>
1	16154.00	MPCB-DR-25200	19/03/2024	NEFT

**Balance consent fee of Rs. 7,94,187 as per consent dtd. 11.11.2022 is utilized for this consent (Fee- Rs. 4,58,639/- and Fee for increase in CI Rs. 25000/- )and Rs. 3,26,702/- against penal charges. Now there is no balance with the Board.**

**Copy to:**

1. Regional Officer, MPCB, Kolhapur and Sub-Regional Officer, MPCB, Sangli
  - They are directed to ensure the compliance of the consent conditions.
  - They are directed to forfeit the bank guarantee of Rs. 5 Lakh & obtain top up BG of Rs. 30 Lakh from the industry
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC/CAC desk - for record & website updation purposes.



### **SCHEDULE-I**

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

1) A] As per your application, you have provided ETP of capacity 500 CMD consisting of Primary, secondary & tertiary system for trade effluent 356 CMD and treated effluent is used on land for irrigation. In no case effluent shall discharge into stream directly or indirectly.

B] Industry shall provide CPU for recycle/reuse of treated effluent.

C] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

<b>Sr. No.</b>	<b>Parameters</b>	<b>Limiting concentration not to exceed in mg/l, except for pH</b>
(1)	pH	5.5-9.0
(2)	Oil & Grease	10
(3)	BOD (3 days 27 <sup>o</sup> C)	100
(4)	Sulphate	1000
(5)	Suspended Solids	100
(6)	COD	250
(7)	Chloride	600
(8)	Total Dissolved Solids	2100

D] The treated effluent 290.00 CMD shall be disposed on land for irrigation on 20.23 hectares of own land /as per the bilateral agreement with farmers. In no any case treated/untreated effluent shall find its way outside the factory premises directly or indirectly.

E] Industry shall operate Online Continuous Emission Monitoring System (OCEMS) and shall transmit Online Continuous Emission Monitoring System (OCEMS) data to Board's server directly through the data logger without any intermediate server.

F] Trade effluent of 66.00 CMD generated from Co-gen shall be 100% recycle in process.

#### **G] CREP conditions for Sugar Factory**

- Operation of ETP shall be started at least one month before starting of cane crushing to achieve desired MLSS. So as to meet prescribed standards from day one the operation of mill.
- Waste water generation shall be reduced to 100 liters per tone of cane crushed.
- Industry shall achieve zero discharge into in land surface water bodies.
- 15 days' storage capacity tank shall be provided for treated effluent to take care during no demand for irrigation.



**H] Industry to make necessary arrangement to cover the effluent collection system and to avoid the ingress of Bagasse and other material.**

**I] The unit shall operate ETP even after completion of the crushing season so that any effluent generated during washing & maintenance activity is to be discharged after proper treatment.**

**J] The unit shall optimize water use in industrial process & maintain records.**

2) A] **As per your application, you have provided STP design capacity of 40 CMD for the treatment of 40.00 CMD sewage.**

B] **The applicant shall operate sewage treatment system to treat sewage so as to achieve the following standards/ prescribed under EP Act 1986 and rules made under time to time, whichever is stringent.**

1	Suspended Solids	Not to exceed	100 mg/l
2	BOD 3 days (27°C)	Not to exceed	100 mg/l

C] **The treated sewage shall be 100% reused/recycled for gardening purpose within premise. In no any case, sewage shall find its way outside Company's premises.**

3) The industry shall have bilateral agreement with the farmers on whose land the treated effluent is used for irrigation purposes and a copy of the agreements with validity shall be submitted to the Regional/Sub- Regional Office of the Board.

4) The industry shall create 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.

5) **CONDITIONS FOR MOLASSES STORAGE:**

(i) The molasses shall be properly collected and stored in steel tanks which shall be leak proof. At no stage of handling of molasses, there shall be leakage or spillage.

(ii) The capacity of tanks for storage of molasses shall be such that it will take care of bumper production of sugar, non-lifting of molasses etc.

(iii) All the area on which molasses are stored and handled should be provided with drain for diverting the spills to the treatment plant/ molasses tank. Suitable arrangements for accidental discharges of molasses from the tanks shall be provided to contain the same within factory premises.

(iv) Destruction of molasses and its disposal shall not be done without specific permission in writing from the authorized officer of the Board. Intimation of intention to destroy or dispose of the molasses shall be given to the Board at least 15 (fifteen) days in advance by registered post under intimation to the Sub-Regional officer and Regional officer of the Board under whose jurisdiction the factory is situated.

(v) The storage tanks shall be kept in good conditions all the year round with adequate maintenance. The tanks size and capacity per cm, height, total capacity in tonnes shall be displayed prominently near /on the tank.

(vi) The above conditions shall be in addition to and not in derogation of the provisions contained in the "Bombay Molasses Rules, 1955" and "Maharashtra Molasses Storage and Supply Regulation, 1965".

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 / CREP guidelines if applicable.

- 7) 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.
- 8) 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.
- 9) 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	250.00
2.	Domestic purpose	60.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Grandening	0

- 10) 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/ CREP guidelines.

#### SCHEDULE-II

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

- 1) **As per your application, you have provided the Air pollution control (APC) system and erected following stack(s) and 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>
S-1	Boiler (70 TPH)	ESP	72	Bagasse	763 MT/Day	0.20	3053.00
S-2	Boiler (30 TPH)	ESP	72	Bagasse	328 MT/Day	0.20	1308.00
S-3	DG Set (500 KVA)	Acoustic Enclosure	3.5	HSD	1248 Lit/Day	1.00	24.96

(As per previous consent of existing unit)

- 2) **The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.**

- 1 The Applicant shall provide ESP/ Bag filter/ Wet scrubber to the Bagasse fired boiler and Dust Collector to Sugar bagging section as an Air Pollution control equipments OR as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines.



2 The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Total Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup>
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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 Industry should not use auxiliary fuel more than 15 % (as per amendment in EIA Notification 2009, power plant upto 15 MW based on Bio-mass and using auxiliary fuel as coal upto 15% are exempt.) as co-gen capacity is below 15 MW.

**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).**

### 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 R	30 Lakh	15 days/extend	O & M of pollution control system.	31.07.2024	28.02.2025

#### **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
1	C to R	25 LAKH	--	For compliance of consent conditions and O & M of PCS.	5 Lakh	Exceedance of JVS

### SCHEDULE-IV

#### **General Conditions:**

1 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.

- 2 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.
- 3 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 equipment, the production process connected to it shall be stopped.
- 4 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.
- 5 The firm shall submit to this office, the 30th day of September every year, the Environmental 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.
- 6 The industry should comply with the Hazardous & Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous & Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
- 7 An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 8 The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 9 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.
- 10 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.
- 11 The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 12 Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 13 The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the H&OW(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.
- 14 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](http://www.mpcb.gov.in)).



- 15 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.
- 16 Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
17. 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.
- 18 The industry should not cause any nuisance in surrounding area.
- 19 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.
- 20 The applicant shall maintain good housekeeping.
- 21 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.
- 22 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 equipment 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.
- 23 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.

- 24 The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended.

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This certificate is digitally & electronically signed.

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## **Annexure-9**



**TEST REPORT**

Report No:	EFEL/PRO/2024/01/539	Issue Date	29/01/2024
Name and Address of Customer	M/s. Sadguru Sri Sri Sakhar Karkana Ltd. 231/232, Rajewadi Atpadi Sangli.		
Sample Name	Source Emission	Sample Description	Stack Material : MS Stack Height : 72.0 M Stack Type : Round
Date of Sampling	22/01/2024		
Start Date of Analysis	23/01/2024		
End Date of Analysis	29/01/2024		
Sampling Location	Boiler Stack		
Sampling done by	EFEL	Sampling duration	30 min
Sample Quantity	--	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring

**Results**

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	484	°K		
2	Differential Pressure	4.1	mm WG		
3	Velocity	8.45	M/s		
4	Dimensions of Stack	3.50	Mtr.		
5	Stack Area	9.61	M <sup>2</sup>		
6	Gas Volume	180309.54	NM <sup>3</sup> /Hr		
7	Particulate Matter	63.8	mg/NM <sup>3</sup>	≤ 150	CPCB Guideline on methodologies for source emission monitoring
8	Sulphur Dioxide (SO <sub>2</sub> )	38.0	mg/NM <sup>3</sup>	--	
8	Sulphur Dioxide (SO <sub>2</sub> )	164.44	Kg/day	--	

**Remark-**

➤ All above results are well within MPCB Limit.



  
Authorized Signatory  
Mr. Mahesh Shelar  
(Managing Director)

Page 01 of 01

## **Annexure-10**





महाराष्ट्र कृष्णा खोरे विकास महामंडळ  
मुख्य अभियंता (जसं), जलसंपदा विभाग, पुणे

सिंचन भवन, मंगळवार पेठ, बारणे रोड, पुणे- ४११०११

कार्यालय (०२०) २६१२०५०५ / २६१२५०७४ फॅक्स (०२०) २६१२६०१५

जा.क्र.मुअ(जसं)/(६१/२०१८)/प्रशा-८/

3126

दिनांक: 1 AUG 2019

ज्ञापन :

**विषय :** सदगुरु श्री श्री साखर कारखाना लि. राजेवाडी ता.आडपाडी जि.सांगली या कारखान्यास डिस्टीलरी व सह विजनिर्मिती प्रयोजनासाठी नीरा उजवा कालवा (वीर) प्रकल्पामधून मोठ्या प्रमाणात पाण्याचा हक्क (Bulk Water Entitlement) प्रस्तावास मंजूरी बाबत

- संदर्भ :** १) शासन निर्णय क्रमांक संकीर्ण २०१५/(४४/१५)/सिंव्य(धो), दि.१७.११.२०१६  
२) शासन निर्णय क्रमांक संकीर्ण २०१५/(५११/१८)/सिंव्य(धो), दि.०१.१२.२०१८  
३) मा.कार्यकारी संचालक, महाराष्ट्र कृष्णा खोरे विकास महामंडळ, पुणे यांचे पत्र क्रमांक मकृखोविम/सिंव्य-१/३७/(५४७/२०१८)/३९५८, दि.२६.०७.२०१९  
४) प्रदेश कार्यालयाचे पत्र जा.क्र.मुअ(जसं)/(६१/२०१८)/प्रशा-८/४६०७, दि.१२.१०.२०१८  
५) अधीक्षक अभियंता, पुणे पाटबंधारे मंडळ, पुणे यांचे पत्र जा.क्र.पुपाम/बिसिमशा/९८७९, दि.१८.०९.२०१८

महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण (सुधारणा व पुढे चालू ठेवणे) अधिनियम २०११ यातील कलम ५ मधील १६ (क) (१) नुसार जलसंपत्ती प्रकल्पामधील पाण्याचे क्षेत्रीय वाटप राज्य मंत्रीमंडळ स्तरावरून करण्याची तरतुद करण्यांत आली आहे. त्या तरतुदीनुसार संदर्भाय शासन निर्णय क्र.१ अन्वये, राज्यातील पाटबंधारे प्रकल्पातून पिण्यासाठी १५% व औद्योगिकसाठी १०% व सिंचनासाठी ७५% क्षेत्रीय वाटप राज्य मंत्रीमंडळाने निर्धारित केले आहे.

संदर्भाय शासन निर्णय क्र. १ अन्वये बिगर सिंचन आरक्षण प्रस्तावाना मंजूरी देण्यासाठी क्षेत्रीय वाटपाच्या मर्यादेनुसार सुधारित स्तर निश्चित करण्यांत आलेला आहे. त्या निर्णयानुसार सदर प्रस्ताव शासन निर्णयामधील परिच्छेद २.१ अन्वये मा.राज्यमंत्री (जलसंपदा तथा उपाध्यक्ष), मकृखोविम यांचे सहमतीने व मा.मंत्री (जलसंपदा तथा अध्यक्ष), मकृखोविम, पुणे यांच्या मान्यतेनुसार संदर्भ क्र.३ अन्वये मंजूरीचे पत्र निर्गमित करण्यांत आले आहे.

त्यानुसार, सदगुरु श्री श्री साखर कारखाना लि. राजेवाडी ता.आडपाडी जि.सांगली या साखर कारखान्याच्या डिस्टीलरी व सह विजनिर्मिती प्रकल्पासाठी पिण्यासाठी व औद्योगिक पाणीवापरासाठी वार्षिक एकुण ०.२१२६३ दलघमी बिगर सिंचन पाणी आरक्षण प्रस्तावास महामंडळाने संदर्भ क्र.३ अन्वये मंजूरी प्रदान केलेली आहे. त्यानुषंगाने प्रदेश कार्यालय त्याचे खालीलप्रमाणे ज्ञापन निर्गमित करीत आहे

**सदगुरु श्री श्री साखर कारखाना लि. राजेवाडी ता.आडपाडी जि.सांगली या संस्थेचा स्रोत नीरा उजवा कालवा (वीर) प्रकल्प असून उदभव नीरा उजवा कालवा किमी १३९/२०० मधून पाणी उचलण्याचे प्रस्तावीत आहे.**

सदर कारखान्यासाठी २०३१ ची लोकसंख्या ९०० (हंगामी ७०० व बिगर हंगामी २००) इतकी गृहीत धरून महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण मुंबई यांचे आदेश ९/२०१७ दि.२२.०९.२०१७ नुसार ग्रामीण भागातील घरगुती (पिण्यासाठी) ५५ लि/मा/दि याप्रमाणे निकष प्रस्तावित केले आहे. त्यानुसार एकुण मागणी ०.०१२२ येत असून त्यामध्ये २०% पाणी पुनर्वापर वापराद्वारे प्रस्तावित असल्याने तं वगळून व २०% वहनतूट धरून निव्वळ मागणी ०.०११६९ दलघमी येत आहे.

तसेच औद्योगिकमधील डिस्टीलरी उत्पादनासाठी म.ज.नि.प्रा.चे निकष १००० लिटर अल्कोहोल उत्पादनासाठी १५ घनमीटर प्रमाणे संस्थेच्या प्रतिदिन ५०,००० लिटर क्षमतेच्या प्रकल्पाकरीता २७० दिवसाकरीता वार्षिक ०.२०२५ दलघमी व सह विजनिर्मिती प्रकल्पासाठी शासन पत्र दि.२७.७.२०१५ नुसार १५ मे.वॅट करीता वार्षिक ०.१४ दलघमी प्रमाणे संस्थेच्या १२ मे.वॅट क्षमतेच्या प्रकल्पासाठी २३० दिवसाकरीता वार्षिक ०.०७९१ दलघमी असं एकुण मागणी ०.२७३१ दलघमी येते. त्यामध्ये विहिरीवरील ०.२७१३१ दलघमी पाणीवापर वळतीकरून एकुण

मागणी ०.२०८९ येते. तसेच त्यामध्ये २०% पाणी पुनर्वापर वापराद्वारे प्रस्तावित असल्याने ते वगळून व २०% वहनतुट धरून निव्वळ मागणी ०.२००९४ दलघमी येत आहे.

अ. क्र.	प्रयोजन	एकुण मागणी (दलघमी)			सिंचन कपात (हे.)
		निव्वळ	तुट	एकुण	
१	घसगुती वापरासाठी	०.००९७४	०.००१९५	०.०११६९	३०.५३
२	औद्योगिक (डिस्टीलरी व सहवीजनिर्मिती)	०.१६७४५	०.०३३४९	०.२००९४	
	एकुण एकंदर	०.१७७१९	०.०३५४४	०.२१२६३	

\* अट क्र. १९ नुसार सिंचन पुनःस्थापनेचा खर्च घेण्यात यावा.

सदर संस्थेचे बिगर सिंचन आरक्षण खालील अटी व शर्तीनुसार मंजूर करण्यांत येत आहे.

- सदर संस्थेस शासनाने/महामंडळाने मंजूर केलेल्या बिगर सिंचन आरक्षणाच्या शासन निर्णय / महामंडळाच्या जापनातील सर्व अटी व शर्ती बंधनकारक राहतील.
- अर्जदार संस्था पाणी उचलण्याची पाणी पुरवठा योजना स्वखर्चाने कार्यान्वित करेल.
- योजनेचे कामास प्रत्यक्ष सुरुवात करण्यापूर्वी जलसंपदा विभागाचे संबंधित कार्यकारी अभियंता बरोबर बिगर सिंचन पाणीपुरवठ्यासाठी करारनाम्याचा प्रचलित नमुना व मार्गदर्शक तत्वे, महाराष्ट्र शासन, पाटबंधारे विभाग शासन परिपत्रक क्र.बिपापु १००१/(७१३/२००१)/सि.व्य.(धो), दिनांक ०७/०४/२००३ व ११/०६/२००३ अन्वये निर्गमित केल्या आहेत. त्यानुसार करारनामा करावा लागेल. करारनामा केल्यानंतरच पाणी परवाना मंजुरी कार्यान्वित होईल.
- पाणीपट्टीची वसुली भविष्य काळात प्रभावीपणे होण्याचे दृष्टीने शासन व संबंधित संस्था यांचेमध्ये द्विपक्षीय करार करण्यात येईल.
- संस्थेने आरक्षित केलेल्या पाण्यावर महाराष्ट्र जलसंपदा नियमन प्राधिकरण व महाराष्ट्र शासन, जलसंपदा विभागाच्या वेळोवेळी ठरवून दिलेल्या पाणीपट्टीच्या प्रचलित दरानेच पाणी पुरवठ्याची आकारणी केली जाईल आणि विहित मुदतीत ही पाणी आकारणी अर्जदार संस्थेने जलसंपदा विभागाकडील संबंधित कार्यालयामध्ये भरावी लागेल. पाणीपट्टी आकारणी ही एकुण वर्षाक पाणी वापरावर करण्यांत येईल. जर पाणीपट्टी वेळेत भरली नाही, तर पाणी पुरवठा खंडीत करण्याचा अधिकार जलसंपदा विभागास राहिल.
- जलसंपदा विभाग जलस्रोत प्रदुषित करणा-या पाणी वापरकर्त्याकडून दंडनीय पाणीपट्टी आकारणी करणेबाबत मार्गदर्शक तत्वे या विषयाबाबत महाराष्ट्र शासन, पाटबंधारे विभाग, शासन निर्णय, क्रमांक पापव-२०१५/(प्र.क्र.८८/२०१५)/सि.व्य. (महसूल), दि.२१.०४.२०१६ मधील अटीचे पालनकरणे पाणी वापरकर्त्यावर बंधनकारक राहिल. व यासंदर्भात वेळोवेळी निर्गमित होणारे शासन निर्णयानुसार अंमलबजावणी करणे बंधनकारक राहिल. पाणीवापर करणारी संस्था महाराष्ट्र प्रदुषण नियंत्रण मंडळाच्या नियमांचे पालन करण्यास अपयशी ठरल्यास त्याचा पाणी पुरवठा बंद करण्यांत येईल.
- संस्थेने ३ वर्षांच्या आत मंजूर पाणी आरक्षणापैकी कमीत कमी २० टक्के पुनर्वापराचे पाणी उपलब्ध करून घेणे बंधनकारक आहे. त्यासाठी संस्थेने सांडपाणी शुद्धीकरण प्रक्रिया करणारी यंत्रणा बसवावी. तसेच याबाबतच्या सविस्तर प्रस्तावाची माहिती जलसंपदा / पर्यावरण विभागास विहित करारनामा करतेवेळी देणे आवश्यक आहे. अन्यथा पाणी आरक्षण आपोआप रद्द होईल.
- प्रक्रिया केलेले सांडपाणी कालव्यात/ नैसर्गिक नदी नाल्यामध्ये आल्यास अश्या पाण्याचे विनियमन महाराष्ट्र पाटबंधारे अधिनियम १९७६ च्या कलम ११(१) नुसार करण्यात यावे. अशा पाण्याच्या वापरासाठीचे दर वेळोवेळी शासनाने निर्गमित केलेल्या दरानुसार आकारण्यात येतील.



- ९) ज्या जागेचा संस्थेने विकास केलेला आहे, त्या जागेतील इमारतीवरील व पेवमेंट केलेल्या मोकळ्या जागेवरील पावसाच्या पाण्याचे भूजल पुनर्भरण करणे (Rain water harvesting) आणि पुनर्वापराद्वारे (Recycling) अशा पाण्याचा वापर गार्डनिंग इत्यादीसाठी करण्यात यावा.
- १०) ही मंजूरी म्हणजे पाणी पुरवठ्याची हमी नव्हे. नैसर्गिक किंवा इतर काही अपरिहार्य कारणांमुळे तलावात पाणी कमी पडल्यास मंजूर पाणी पुरवठ्याबाबत शासन जबाबदार राहणार नाही. कमी पाणी उपलब्धतेच्या वर्षात त्या वर्षापुरती मंजूर पाणी पुरवठ्यात कपात करण्याचा अधिकार जलसंपदा विभागाच्या कार्यकारी अभियंतांना राहिल. परिणामी कोणत्याही प्रकारच्या नुकसानीची जबाबदारी शासनावर राहणार नाही. उदभव ठिकाणी पाण्याची कमतरता असल्यास संस्थेस आरक्षित पाण्याची शाश्वती देता येणार नाही.
- ११) जलाशयातील / कालव्यातील पाण्याच्या दर्जा / गुणवत्तेबाबत जलसंपदा विभाग जबाबदार राहणार नाही, व त्यास जबाबदारही धरता येणार नाही.
- १२) संस्थेस उपलब्ध पाणी जलाशय/कालवा/नदी मधून थेट उचलावे लागेल. तलावाचे निम्न पातळी तलांकापर्यंत पाणी जॅकवेलमध्ये घेण्याची व्यवस्था करावी लागेल व पाणी पुरवठ्याचे तसेच योजनेच्या बांधकामाचे संबंधात आराखड्यास जलसंपदा विभागाच्या कार्यकारी अभियंता यांची बांधकामापूर्वी पूर्व सहमती घ्यावी लागेल. व त्यास जलसंपदा विभागाचे प्रचलित नियम तसेच शासन/महामंडळाने वेळोवेळी मंजूर केलेले नियम व अटी अर्जदार संस्थेवर बंधनकारक राहतील.
- १३) पाणी आरक्षण मंजूर केल्यानंतर प्रत्यक्ष पाणीपुरवठा हा संस्थेने जलमापन यंत्र बसविल्यानंतर दिला जाईल. स्काडा आधारित अल्ट्रासोनिक प्रवाह मीटर सर्वांना बसविणे अनिवार्य आहे. जर मीटर मध्ये बिघाड/ना दुरुस्त /काम करीत नसल्याचे आढळून आल्यास, जलसंपदा विभागामार्फत शेवटची तपासणी केलेल्या तारखेपासून दंडनीय दराने बिलाची आकारणी केली जाईल.
- १४) खाजगी संस्था/औद्योगिक संस्थेने वेगवेगळ्या विगतवारीसाठी एकच वॉटर मीटर बसविल्यास त्याच्या परिसरात वापरलेल्या सर्व पाण्याची आकारणी औद्योगिक दराने पाणीवापर म्हणून गृहित धरला जाईल. तथापि जर संस्थेने विगतवारीप्रमाणे वेगळी वॉटर मीटर बसविण्याची व्यवस्था केली असेल तर आशा प्रत्यक्ष पाणीवापराप्रमाणे पाणीपट्टी आकारणी लागू केली जाईल.
- १५) संस्थेने १ महिन्याच्या आत योजना कार्यान्वीत होण्यापूर्वी स्वर्चाने जलमापन यंत्र बसविण्याची व्यवस्था करावी. संस्थेने विहित वेळेत मीटरची व्यवस्था न केल्यास विभागीय कार्यालयाने जलमापन यंत्रणेच्या अनामत ठेव रक्कमतेून जलमापन यंत्र बसविण्याची कार्यवाही करावी. त्यासाठी कमी/अधिक रक्कम लागल्यास बिगर सिंचन देयकामध्ये वळती करावी. प्रत्यक्ष जलमापन यंत्र बसविल्याशिवाय योजना कार्यान्वीत करण्यास परवानगी देण्यात येऊ नये.
- १६) जलमापनाची व जलमापन मीटर व्यवस्था तपासण्याचा अधिकार शासनास राहिल. ह्या व्यवस्थेवर आधारित पाणी वापराचा दैनंदिन अभिलेख संस्थेने ठेवावा हा अभिलेख शासनाचे अधिकारी कॅव्हाही पाहू शकतील. हा अभिलेख नीट ठेवल्याचे दिसून न आल्यास प्रत्यक्षांत केलेल्या पाणी वापरासंबंधीचा अंदाज जलसंपदा विभागाचे कार्यकारी अभियंता ठरवतील व हा अंदाज अंतिम राहिल व संस्थेवर तो बंधनकारक राहिल.
- १७) बारमाही कालवा उदभव असेल तर २ महिना व आठमाही कालवा उदभव असेल ५ महिने पाणी पुरेल एवढ्या साठवण क्षमतेचा तलाव स्वखर्चाने बांधणे आवश्यक राहिल. तसेच नदी अपरिहार्य उदभव असेल तर ज्या नदीत सिंचनासाठी बारमाही पाणी सोडले जाते, त्या नदीवरील पाणी पुरवठा योजनेसाठी १ महिन्याच्या गरजेएवढी साठवण क्षमता व इतर नद्याबाबत मात्र ४ महिन्यांच्या गरजेएवढी साठवण क्षमता असणारा तलाव बांधणे आवश्यक राहिल. तसेच कोणत्याही परिस्थितीत वरील धरणातून पाणी सोडले जाणार नाही.
- १८) संस्थेने २ महिन्याची पाणीपट्टी इतकी अनामत रक्कम शासनाकडे आगाऊ भरणे आवश्यक आहे. व जलमापन यंत्रासाठी महाराष्ट्र जीवन प्राधिकरण याच्या प्रचलित दरसूचीनुसार दर + १५% अतिरिक्त कार्यालयीन खर्च इतकी परिगणित रक्कम अनामत ठेव स्वरूपात करारनामा करतवेळी जमा करावी.



१९) संस्थेने सिंचन कपातीपोटी, सिंचन पुनःस्थापनेचा खर्च रु.१ लक्ष प्रती हेक्टर (Base year २००९) प्रमाणे महाराष्ट्र शासन, जलसंपदा विभाग, यांचे परिपत्रक क्रमांक संकीर्ण २००८/(१३१/०८)/सिंव्य(धो), दि.६.३.२००९ अन्वये व महाराष्ट्र शासन, जलसंपदा विभाग, शासन निर्णय क्रमांक संकीर्ण २०१३/ (४१५/२०१३) /सिंव्य(धो), दि.१६.८.२०१४ अन्वये अथवा प्रत्यक्ष करारनामा करतेवेळी लागू असलेला शासनाचा प्रचलित दर अथवा भाववाढ निर्देशांक (Cost inflation index) विचारात घेऊन यापैकी जो जास्त असेल त्या दराने, सिंचन पुनःस्थापनेचा खर्च शासनाकडे / महामंडळाकडे करारनामा करण्यापूर्वी जमा करण्यात यावा.

परंतु, शासन निर्णय क्रमांक संकीर्ण २०१३/ (४१५/२०१३) /सिंव्य(धो), दि.१६.८.२०१४ नुसार ग्रामपंचायत / जिल्हा परिषद / पंचायत समित्या / नगरपालिका / कटक मंडळे (contonment board)/ नगर पंचायत या संस्था आर्थिक दृष्ट्या सक्षम नसल्याने त्यांच्याकडून पिण्याचे पाणी आरक्षण प्रकरणात सिंचन पुनःस्थापनेचा खर्च माफ करण्यात आला आहे.

त्याच धर्तीवर शासन निर्णय (नगरविकास विभाग) क्रमांक संकीर्ण २०१५/प्र.क्र.२७४/नवि ३३, दि.१७.१२.२०१६ नुसार राज्यातील "क" व "ड" वर्ग महानगरपालिकांकडून आकारण्यात येणारा सिंचन पुनःस्थापना खर्च माफ करण्यात आला आहे.

२०) प्रदेश कार्यालयाने जापन निर्गमित केल्यानंतर संस्थेस इरादपत्र (लेटर ऑफ इंटेन्ट) देण्यात यावे, त्यामध्ये सुरवातीच्या करारनामा करण्यांची मुदत ६ महिने व योजना कार्यान्वीत करण्याची मुदत ३ वर्षे ठेवावी. तसेच विंगर सिंचन पाणीवापराचे करारनामे करणे व करारनाम्याचे नुतनीकरण वेळेवर करणेबाबत याबाबत महाराष्ट्र शासन, जलसंपदा विभाग, परिपत्रक क्रमांक, पापव-२०१५/ (प्र.क्र.४००/२०१५) / सिंव्य(महसुल), दि.१५.१२.२०१५ नुसार मार्गदर्शक सुचना निर्गमित केल्या आहेत. त्यानुसार वेळोवेळी निर्गमित होणा-या शासन निर्णय / परिपत्रकानुसार कार्यवाही करण्यात यावी.

२१) सर्व संस्थांना "महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण" यांचे "पाणी पुरवठा वितरणासाठी असलेले निकष" आदेश ०९/२०१७ दि.२२.०९.२०१७ व "ठोक जलदराचे पुनर्विलोकन व सुधारणा" आदेश ०१/२०१८ दि.११.०१.२०१८ मधील सर्व अटी व शर्ती शासन आदेशानुसार लागू राहतील

२२) पाणी कमी उपलब्धतेच्या कालावधी दरम्यान, पाणी वापराच्या प्रमाणामध्ये येणारी तूट वापरकर्तेच्या भिन्न श्रेणी मध्ये विभागली जाईल. तथापि, असे करताना, घरगुती आणि औद्योगिक क्षेत्रांना जास्तीत जास्त अनुज्ञेय कपात अनुक्रमे २५% व ५०% असेल. अशाप्रकारे घरगुती बल्क वॉटर यूझर्स आणि इंडस्ट्रियल बॉल्क वॉटर यूझर्स साठी अनुक्रमे ७५% व ५०% कमीतकमी पाणीवाटप शासनाने निर्धारित केला आहे. त्यासाठी महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण यांचे आदेश ९/२०१७ दि.२२.९.२०१७ मधील मुद्दा क्र.८ प्रमाणे कार्यवाही करावी.

२३) अधिनियमाच्या कलम ११ (q) च्या तरतुदीनुसार सर्व नगरपालिका, महानगरपालिका आणि महानगरीय शहरांसाठी जल नियोजन आणि वार्षिक लेखापरीक्षण प्रकाशित करणे प्राधिकरणाने अनिवार्य केलेले आहे. तसेच मुख्य लेखापरीक्षक, जल व जलसिंचन, महाराष्ट्र राज्य, औरंगाबाद यांच्याकडून जललेखा परीक्षण करून घेण्याची जबाबदारी संबंधीत ग्राहकाची आहे. सदरचे ऑडिट रिपोर्ट जलसंपदा विभागाकडे आणि प्राधिकरणला सादर करावा.

२४) व्यापारी संस्था/खाजगी वसाहती/नागरी वसाहती (Townships) साठी बांधकाम चालू असे पर्यंत वापरलेल्या पाण्याकरिता औद्योगिक (प्रक्रिया) दराने पाणीपट्टी आकारण्यात यावी व बांधकाम पूर्ण झाल्यावर (वापर परवाना मिळालेनंतर) होणा-या पाणीवापरासाठी ठोक जलदर आदेश १/२०१८ मधील परिच्छेद ४ नुसार पाणीपट्टी आकारणी करावी, अथवा वेळोवेळी निर्गमित होणा-या MWRRA/शासन निर्णयानुसार आकारणी करावी. दोन्ही वापर एकाच वेळी चालू असल्यास त्यासाठी वेगवेगळे मीटर बसवावेत व त्यानुसार आकारणी करावी.

२५) सदर करारनामा जास्तीत जास्त सहा वर्षासाठी वैधता राहील. करारनामा कालावधीत MWRRA ने बनवलेले हक्क, निर्धारित अटी आणि नियम दरप्रणालीतील बदल पाणी वापरकर्ता संस्थेस बंधनकारक राहतील.

- २६) करारनाम्यामध्ये मंजूर पाणी आरक्षणाचे टप्पानिहाय नियोजन समाविष्ट करावे. त्यानुसार पाणीपट्टी आकारणी करावी.
- २७) सदरचे जापन हा करारनामाचा भाग राहील.
- २८) कायमस्वरूपी पाणीकोटा कमी करणे, नावात बदल करणे, मुळ करारनामा नुतनीकरण करणे बाबत कार्यवाही संपूर्ण थकबाकी भरल्यानंतर करण्यांत येईल.
- २९) सदरचे आदेश करारनामा झाल्यापासून अमलात येतील.

३०) शासन निर्णय क्रमांक संकीर्ण २०१८/(५११/१८)/सि.व्य.(धो), दि.१.१२.२०१८ नुसार, पाणी आरक्षण व्याख्या व व्याप्ती निश्चित केली आहे. त्यामध्ये पाणी आरक्षण ऐवजी पाण्याचा हक्क (Bulk Water Entitlement) ही संज्ञा निश्चित केली आहे. पाण्याचा हक्क मंजूरी देतांना पुढील ३० वर्षांचा कालावधी विचारात घेऊन भविष्यकालीन पाण्याची गरज परिगणित केली जाते. व त्यानुसार आरक्षण परिमाण काढले जाते. तथापि हे परिमाण म्हणजे पाण्याचा दर वर्षीचा हक्क असे समजून त्याचा वापर करण्याचा व दरवर्षी पाणी नियोजन त्याप्रमाणे करण्याचा कल असतो. वास्तविक हा समज चुकीचा आहे. पाण्याचा हक्क हे वाढत्या लोकसंख्येच्या प्रमाणात दरवर्षी हे आरक्षणाच्या परिमाण वाढत जाणे अपेक्षित आहे. पुढील परिच्छेदानुसार मान्यता देण्यांत येत आहे.

"This reservation is only the letter of support for the, water supply scheme or the industry as the case may be. Actual quantity of water that will be supplied every year shall be governed by the entitlement granted to the water user entity by the River Basin Agency based on the population and the reasonable use norm decided by this Authority and the yearly allocation declared by the prescribed Authority on the basis of reservoir contents for the year and shall be subjected to various provisions in the agreement that will be signed by the water user entity with River basin Agency"

सोबत- संदर्भ क्र.३

१९/३/१७  
मुख्य अभियंता (जसं),  
जलसंपदा विभाग, पुणे

प्रत : मा.सचिव (जसं व लाक्षेवि), जलसंपदा विभाग, मंत्रालय, मुंबई यांना माहितीसाठी सविनय सादर.

प्रत : मा.कार्यकारी संचालक, महाराष्ट्र कृष्ण खोरे विकास महामंडळ, पुणे यांना माहितीसाठी सविनय सादर.

प्रत : अधीक्षक अभियंता, पुणे पाटबंधारे मंडळ, पुणे यांना माहितीसाठी व पुढील कार्यवाहीसाठी

प्रत : कार्यकारी अभियंता, नीरा उजवा कालवा विभाग, फलटण यांना माहितीसाठी व कार्यवाहीसाठी.

- १) शासन परिपत्रक विपापु-१००१/(७१३/२००१)/सि.व्य.(धो), दिनांक ११.०६.२००३ व ०७.०४.२००३ प्रचलित नियमानुसार बिगर सिंचन करारनामा करण्याची उचित कार्यवाही करण्यात यावी.
- २) करारनामा करणेपूर्वी संस्थेकडून महाराष्ट्र प्रदूषण नियंत्रण मंडळाचे प्रमाणपत्र मिळवून ते करारनाम्यास लावावे.
- ३) करारनाम्याचे नूतनीकरण करणेपूर्वी शासनाचे उपरोक्त अटी व शर्तीचे काटेकोरपणे पालन होणे महत्वाचे आहे.
- ४) पाणी परवाने हे शासनाला महसूल मिळवून देण्याचे साधन आहे. त्यामुळे महसूल वसुलीबाबत काटेकोरपणे व सतर्क राहणे अत्यंत महत्वाचे आहे.

प्रत :- बृहत् धारिका. सन २०१९ करीता.

## **Annexure-11**



## Green Belt Photographs:







## **Annexure-12**



SSSSKL/HR/Letter/ /2023-24

Date: -01/06/2023

To,  
The District Collector,  
Vishrambag, Sangli,  
Maharashtra 416415.

**Sub:-** Expansion of sugar cane crushing capacity from **5000 TCD to 11650 TCD** and Distillery Capacity from **50 KLPD to 500 KLPD** (Ethanol) based on Sugar cane syrup/ "B" Heavy Molasses/ "C" Molasses/ Denature Sprit as Raw Material Rajewadi, Tal. Atpadi, Dist. Sangli, Maharashtra, by M/s. Sadguru Sri Sakhar Karkhana Ltd.

**Ref:-** Ministry office memorandum vide F.No.22-65/2017-1A-III Date 1<sup>st</sup> May 2018.

Respected Sir,

We, Sadguru Sri Sakhar Karkhana Ltd., is a private sugar factory Registered in the state of Maharashtra under Companies act . 1956 on 2010. Vide Registration Number: 15421PN2010PLC135442 Proposes to expand the Sugarcane crushing capacity from **5000 TCD to 11650 TCD** and Distillery capacity from **50 KLPD to 500 KLPD** (Ethanol) based on Sugarcane syrup/ "B" Heavy Molasses/"C" Molasses/Denature Sprit as raw material as per the office memorandum of the Ministry date 1<sup>st</sup> May 2018. we will spend willingly **0.50 %** of the proposed expansion project cost on Corporate Environment Responsibility, which work out to be **3.12 Cr.** as the estimated proposed expansion project cost is **Rs. 617.5 Crores.**

82/216/23,  
आवक लिपिक  
जिल्हाधिकारी कार्यालय, सांगली

**Corporate Office: Sadguru Sri Sakhar Karkhana Ltd.**

C/o. Intelux Electronics Pvt. Ltd. Unit no. 2, Electronic Co. op. Estate, Pune-Satara Road, Pune - 411 009, India.

Ph.: +91 020 2422 3720 / 30 / 34 | Fax: +91 020 024221258 | [www.srisrisugar.com](http://www.srisrisugar.com) | CIN: U15421PN2010PLC135442

SUGAR : WHITE, NATURAL BROWN & ORGANIC / GREEN POWER / ETHANOL / NATURAL FARMING / SOCIO-ECONOMIC PROJECTS FOR RURAL DEVELOPMENT



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We propose to spend this amount spread over in five years as per the details given below:

Sr. No	Particulars	Amount	Remark
1	Road Development	14000000	Rajewadi, Hingni and Bacheri Gaon
2	Goshala Shed	1300000	Rajewadi
3	Brick Manufacturing Unit	1500000	Rajewadi
4	School Building	5500000	Rajewadi
5	Maan River Cleaning Project	5500000	Rajewadi dam to Dighanchi
6	Water Conservation Project	2000000	Bacheri, Itaki, Rajewadi
7	Tree Plantation	200000	Rajewadi and Bacheri
8	Provision of Solar Lights	900000	Rajewadi, Pujarwadi
9	Garden Bench Donation	100000	Rajewadi
10	Itaki School Repairing Donation	100000	Itaki
11	Water Tanker to nearby Villages during draught season	150000	Bacheri, Itaki, Rajewadi
	<b>Total CER Expenses</b>	<b>3,12,00,000/-</b>	

You are requested to approve the action plan for Implementation.

Thanking you



Yours faithfully,

*[Signature]*  
General Manager



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0135442  
RURAL DEVELOPMENT

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ग्रा.पं. माण्टेमळा व सुविधा हॉस्पिटल व आय.सी यु. सेंटर यांच्या सहकार्याने  
सुविधा कोविड केअर सेंटर, आटपाडी  
इमारत सौजन्य :- गुरुकुल निवासी माध्यमिक व उच्च माध्यमिक विद्यालय

या नोहकृपाये उद्याटक  
 मा. अनिलभाऊ सावळ (कावयज्ञ) (कान्हा-आरणी)  
 मा. अभिजीत सांगली (सिद्धा अभिकारी, सांगली)





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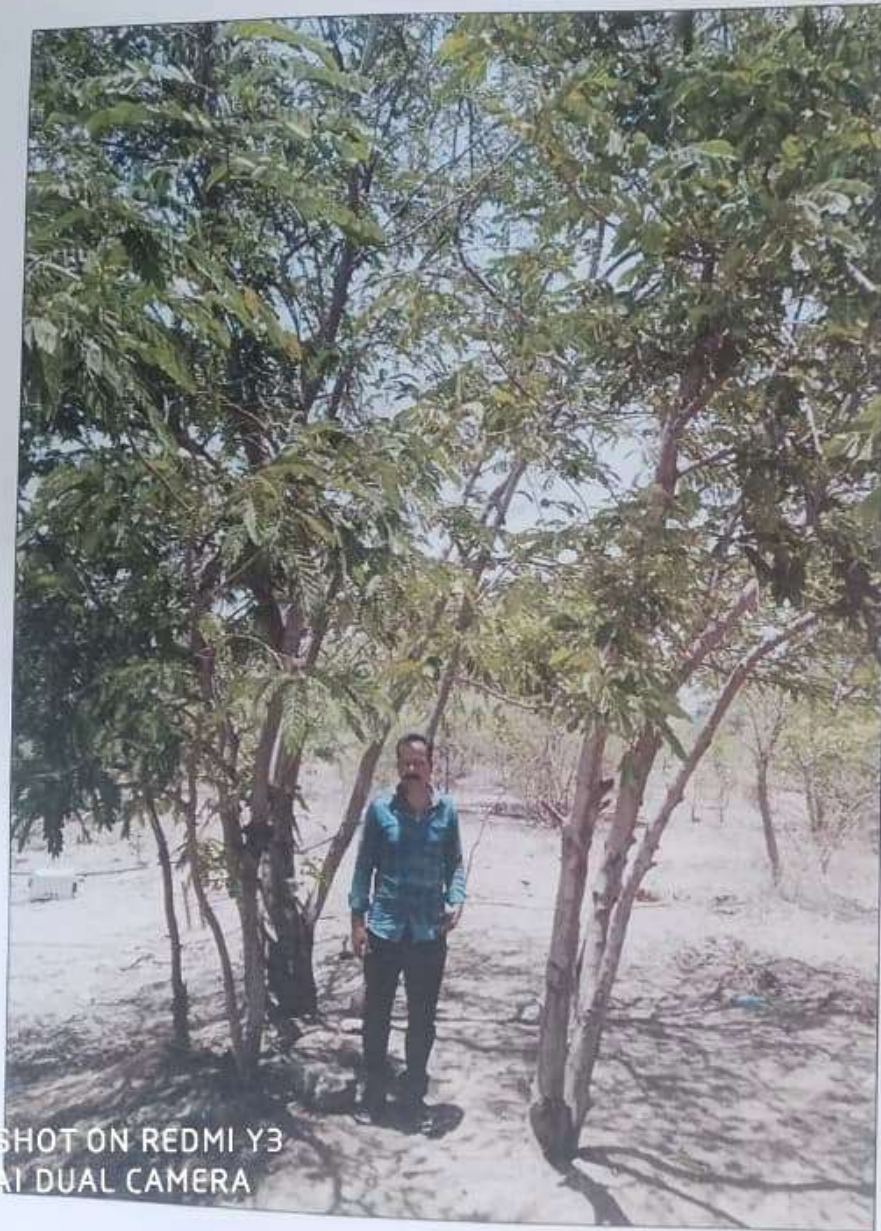
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AI DUAL CAMERA



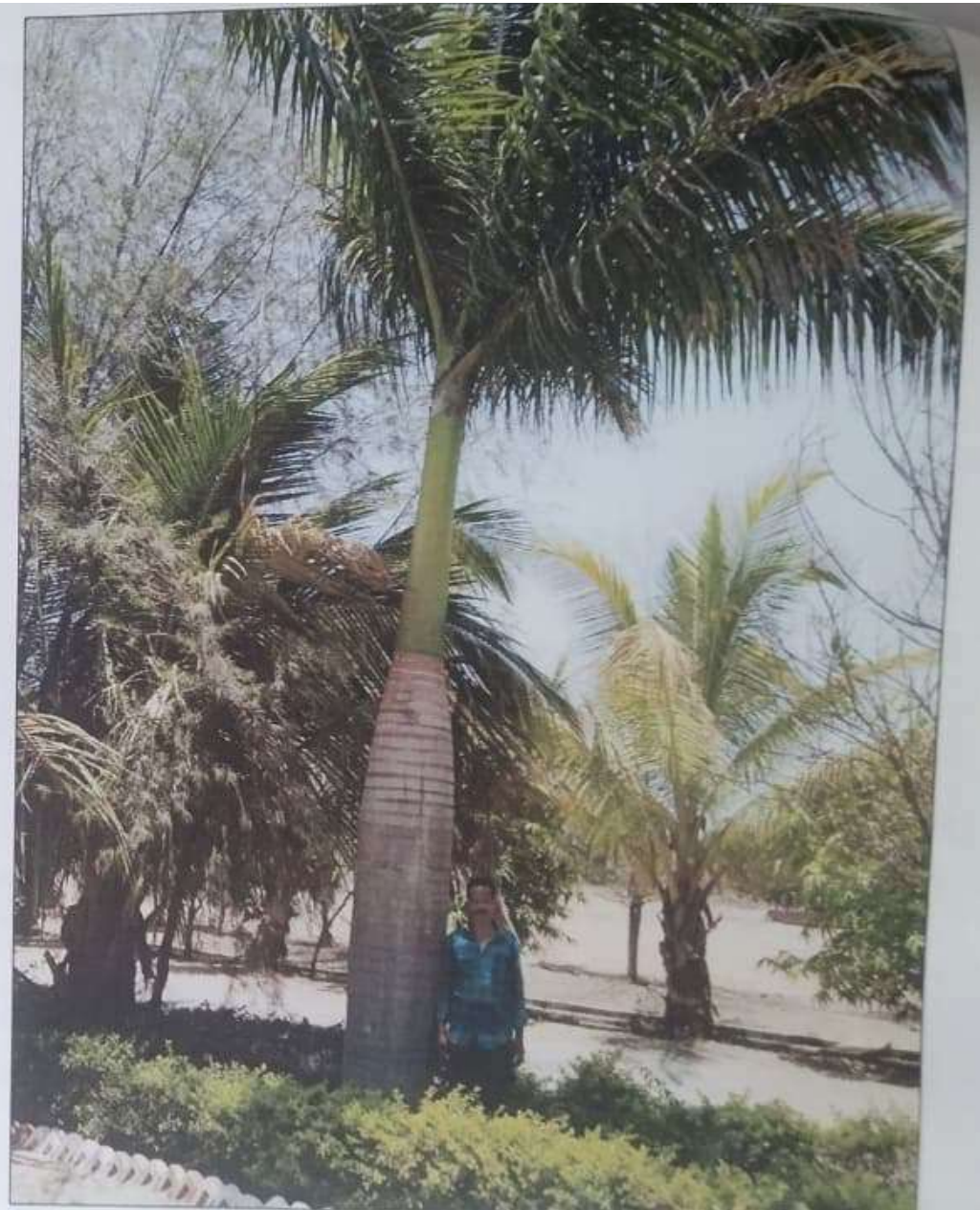


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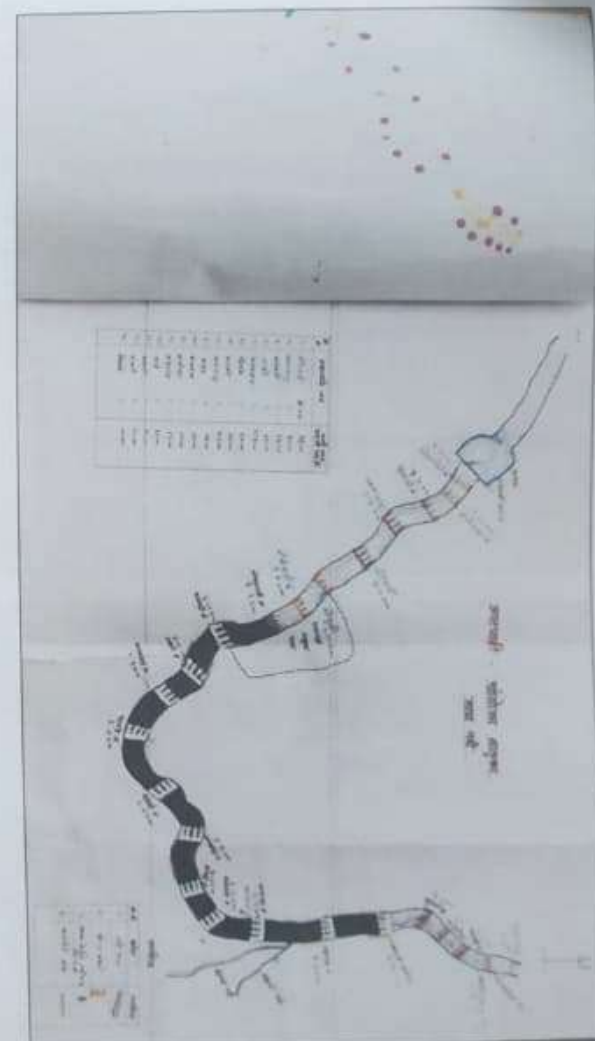


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## **Annexure-13**

SADGURU SRI- SRI SAKHAR KARKHANA LTD., RAJEWADI

PRE-EMPLOYMENT FITNESS CERTIFICATE

Name: Santosh Pandurang Shinde  
Address: Shreepur, Tal - Mulshiras, Dist - Solapur  
Date of Birth: 01/06/1979 Age: 44  
Sex: Male ☒ Female ☐ Marital Status: Married ☒ Unmarried ☐

Any allergy/ Disability/ Pre-existing disease No.  
Date: 16/10/23 Signature of Candidate: S.P. Shinde

Height: 62 Cms Weight: 128 Kgs Vision Yes/No Hearing ok  
Colour: Yes/No Left Ear: ok  
Right Ear: ok

Any other Findings: B.P - 105

I Dr.: Chetan Galande  
hereby Certify that I have examined Mr./Ms Santosh Shinde on  
16/10/2023 and find him FIT/UNFIT for employment.  
Remarks if unfit: \_\_\_\_\_

6 DR CHETAN J. GALANDE  
M.D. (MEDICINE)  
REG. NO.- 2010/03/0556  
Signature & Seal

I declare that the above information is true and correct to the best of my knowledge and I am not suffering from any disease / illness, the presence of which I have not revealed. I fully understand that any misrepresentation of this declaration could lead to the termination of my offer/appointment. In case of any discrepancy arising out of my declaration, I will undergo the medical check-up by the company's Suggested doctor and their findings will be fully binding on me and action thereon towards my employment will be accepted by me. I give my consent to L & T to seek further information if, any from me directly or from any appropriate doctor.

Signature of Candidate: S.P. Shinde  
Date: 16/10/2023




## Medical Certificate

This is to certify that Mr./Ms./Mrs. Santosh Shinde Son / Daughter of  
Pandurang Age 44 Years of Village / Town Shreepur  
P.O. Shreepur District Solapur State Maharashtra is free  
from defective vision, deafness and other health issues that are likely to interfere with the  
effectiveness of their work. He / She is in good health and is able to perform to their full capacities  
without any hindrances.

This certificate is provided to him / her for the purpose of Work.

Signature of the Candidate : S.P. Shinde

Doctor's Signature & Seal :

  
DR. CHETAN J. GALANDE  
M.D. (MEDICINE)  
REG. NO. - 2010/03/0566

Date : 16/10/2023

SADGURU SRI- SRI SAKHAR KARKHANA LTD., RAJEWADI

PRE-EMPLOYMENT FITNESS CERTIFICATE

Name : Tushar Chandrakant Satpute  
Address : A.P. Shendajewadi, Tal- Pandharpur, Dist- Solapur  
Date of Birth : 11/05/2001 Age : 22  
Sex : Male ☒ Female ☐ Marital Status : Married ☐ Unmarried ☒

Any allergy/ Disability/ Pre-existing disease : No.  
Date : 03/10/23 Signature of Candidate : Tushar

Height : 172 Cms Weight : 68 Kgs Vision : Yes/No Hearing : OK  
Colour : Yes/No Left Ear : OK  
Right Ear : OK

Any other Findings : B.P- 98.

I Dr. : Chetan Galande  
hereby Certify that I have examined Mr./Ms Tushar Satpute on  
03/10/2023 and find him FIT/UNFIT for employment.  
Remarks if unfit :  
Signature & Seal : DR. CHETAN J. GALANDE  
M.D. (MEDICINE)  
REG. NO. - 2010/03/0568

I declare that the above information is true and correct to the best of my knowledge and I am not suffering from any disease / illness, the presence of which I have not revealed. I fully understand that any misrepresentation of this declaration could lead to the termination of my offer/appointment. In case of any discrepancy arising out of my declaration, I will undergo the medical check-up by the company's Suggested doctor and their findings will be fully binding on me and action thereon towards my employment will be accepted by me. I give my consent to L & T to seek further information if, any from me directly or from any appropriate doctor.

Signature of Candidate : Tushar  
Date : 03/10/2023



## Medical Certificate

This is to certify that Mr./ Ms./Mrs. Tushar Satpute Son / Daughter of  
Chandrakant Age 22 Years of Village / Town Shendagewadi  
P.O. Shendagewadi District Solapur State Maharashtra is free  
from defective vision, deafness and other health issues that are likely to interfere with the  
effectiveness of their work. He / She is in good health and is able to perform to their full capacities  
without any hindrances.

This certificate is provided to him / her for the purpose of Work.

Signature of the Candidate : Tushar

Doctor's Signature & Seal :

Co  
DR. CHETAN J. GALANDE  
M.D. (MEDICINE)  
REG. NO. - 2010/03/0566

Date : 03/10/2023

SADGURU SRI- SRI SAKHAR KARKHANA LTD., RAJEWADI

PRE -EMPLOYMENT FITNESS CERTIFICATE

Name : Prandy Pratap Gaikwad  
Address : A.P. - Nagasale, Tal - Palus, Dist - Sangli  
Date of Birth : 06/12/2000 Age : 23  
Sex : Male ☒ Female ☐ Marital Status : Married ☐ Unmarried ☒

Any allergy/ Disability/ Pre-existing disease : No  
Date : 01/09/23 Signature of Candidate : Gaikwad P.P.

Height : 172 Cms Weight : 74 Kgs Vision : Colour - Yes/No  
Hearing : Left Ear : OK Right Ear : OK

Any other Findings : B.P. - 95.

I Dr. : Chetan Galande  
hereby Certify that I have examined Mr./Ms : Prandy Gaikwad on  
01/09/2023 and find him FIT/UNFIT for employment.  
Remarks if unfit :

Signature & Seal : DR. CHETAN J. GALANDE  
M.D. (MEDICINE)  
REG. NO. - 2010/03/0568

I declare that the above information is true and correct to the best of my knowledge and I am not suffering from any disease / illness, the presence of which I have not revealed. I fully understand that any misrepresentation of this declaration could lead to the termination of my offer/appointment. In case of any discrepancy arising out of my declaration, I will undergo the medical check-up by the company's Suggested doctor and their findings will be fully binding on me and action thereon towards my employment will be accepted by me. I give my consent to L & T to seek further information if, any from me directly or from any appropriate doctor.  
Signature of Candidate : Gaikwad P.P.  
Date : 01/09/2023



## Medical Certificate

This is to certify that Mr./ Ms./Mrs. Pranav Gaikwad Son / Daughter of  
Pratap Age 23 Years of Village / Town Nagrole  
P.O. Nagrole District Sangli State Maharashtra is free  
from defective vision, deafness and other health issues that are likely to interfere with the  
effectiveness of their work. He / She is in good health and is able to perform to their full capacities  
without any hindrances.

This certificate is provided to him / her for the purpose of work.

Signature of the Candidate : Gaikwad P.P.

Doctor's Signature & Seal :

Co  
DR. CHETAN J. GALANDE  
M.D. (MEDICINE)  
REG. NO. - 2010/03/0566

Date : 01/09/2023

SADGURU SRI- SRI SAKHAR KARKHANA LTD., RAJEWADI

PRE-EMPLOYMENT FITNESS CERTIFICATE

Name : Mahesh Janardhan Sathe  
Address : A.p- Bhalavani, Tal- Pandharpur, Dist- Solapur.  
Date of Birth : 14/08/1993 Age 30  
Sex : Male ☒ Female ☐ Marital Status : Married ☒ Unmarried ☐

Any allergy/ Disability/ Pre-existing disease No.  
Date 18/07/2023 Signature of Candidate H. J. Sathe

Height 174 Cms Weight 58 Kgs Vision OK Hearing OK  
Colour- Yes/No OK Left Ear OK  
Right Ear OK

Any other Findings : B.P - 98.

I Dr. Chetan Galande  
hereby Certify that I have examined Mr./Ms Mahesh Sathe on 18/07/2023  
and find him FIT/UNFIT for employment.

Remarks if unfit: \_\_\_\_\_

6 DR. CHETAN J. GALANDE  
M.D. (MEDICINE)  
REG. NO. - 2010/03/0568  
Signature & Seal

I declare that the above Information is true and correct to the best of my knowledge and I am not suffering from any disease / illness, the presence of which I have not revealed. I fully understand that any misrepresentation of this declaration could lead to the termination of my offer/appointment. In case of any discrepancy arising out of my declaration, I will undergo the medical check-up by the company's Suggested doctor and their findings will be fully binding on me and action thereon towards my employment will be accepted by me. I give my consent to L & T to seek further information if, any from me directly or from any appropriate doctor.

Signature of Candidate H. J. Sathe  
Date 18/07/2023



**SADGURU SRI- SRI SAKHAR KARKHANA LTD., RAJEWADI**

**PRE -EMPLOYMENT FITNESS CERTIFICATE**

Name : Raj. buvasa. pawar  
 Address : Bondale, Tel- malshiras, Dist- Solapur  
 Date of Birth : 25/12/2003 Age 20  
 Sex : Male ☒ Female ☐ Marital Status : Married ☐ Unmarried ☒

Any allergy/ Disability/ Pre-existing disease OK  
 Date 06/07/23 Signature of Candidate Raj. buvasa. pawar

Height 170 Cms Weight 63 Kgs Vision OK Hearing OK  
 Colour- Yes/No OK Left Ear OK  
 Right Ear OK

Any other Findings : B-P- 110-

I Dr. Chetan Galande  
 hereby Certify that I have examined Mr./Ms Raj. pawar on 06/07/2023  
 and find him FIT/UNFIT for employment.

Remarks if unfit: .....

6 DR. CHETAN J. GALANDE  
 M.D. (MEDICINE)  
 REG. NO.- 2010/03/0568  
 Signature & Seal

I declare that the above information is true and correct to the best of my knowledge and I am not suffering from any disease / illness, the presence of which I have not revealed . I fully understand that any misrepresentation of this declaration could lead to the termination of my offer/appointment. In case of any discrepancy arising out of my declaration ,I will undergo the the medical check-up by the company's Suggested doctor and their findings will be fully binding on me and action thereon towards my employment will be accepted by me. I give my consent to L & T to seek further information if,any from me directly or from any appropriate doctor.

Signature of Candidate Raj. buvasa. pawar

Date 06/07/2023

## Medical Certificate

This is to certify that Mr./ Ms./Mrs. Raj Pawar Son / Daughter of Burao Age 20 Years of Village / Town Bondle.

P.O. Bondle. District Solapur State Madharashtra. is free from defective vision, deafness and other health issues that are likely to interfere with the effectiveness of their work. He / She is in good health and is able to perform to their full capacities without any hindrances.

This certificate is provided to him / her for the purpose of Work.

Signature of the Candidate : Raj Pawar

Doctor's Signature & Seal :

Co  
DR. CHETAN J. GALANDE  
M.D. (MEDICINE)  
REG. NO. - 2010/03/0566

Date : 06/07/2023



**SADGURU SRI- SRI SAKHAR KARKHANA LTD., RAJEWADI**

**PRE -EMPLOYMENT FITNESS CERTIFICATE**

Name : Vijay laxman Chavan  
 Address : At - Tandulwadi Tal - malshiras, Dist - Solapur  
 Date of Birth : 20/06/1984 Age : 39  
 Sex : Male ☒ Female ☐ Marital Status : Married ☒ Unmarried ☐

Any allergy/ Disability/ Pre-existing disease : No  
 Date : 12/06/23 Signature of Candidate : V. Chavan

Height : 160 Cms Weight : 60 Kgs Vision : Yes Colour : Yes Hearing : OK  
 Left Ear : OK Right Ear : OK

Any other Findings : B.P - 102

I Dr. : Chetan Galande  
 hereby Certify that I have examined Mr./Ms Vijay Chavan on  
12/06/23 and find him FIT/UNFIT for employment.

Remarks if unfit : \_\_\_\_\_

 **DR. CHETAN J. GALANDE**  
 M.D. (MEDICINE)  
 REG. NO. - 2010/03/0558  
 Signature & Seal

I declare that the above information is true and correct to the best of my knowledge and I am not suffering from any disease / illness, the presence of which I have not revealed . I fully understand that any misrepresentation of this declaration could lead to the termination of my offer/appointment. In case of any discrepancy arising out of my declaration ,I will undergo the the medical check-up by the company's Suggested doctor and their findings will be fully binding on me and action thereon towards my employment will be accepted by me. I give my consent to L & T to seek further information if,any from me directly or from any appropriate doctor.

Signature of Candidate : V. Chavan  
 Date : 12/06/2023

## Medical Certificate

This is to certify that Mr./ Ms./Mrs. Vijay Chavan Son / Daughter of  
Laxman Age 39 Years of Village / Town Tandulwadi  
P.O. Tandulwadi District Salapur State Maharashtra is free  
from defective vision, deafness and other health issues that are likely to interfere with the  
effectiveness of their work. He / She is in good health and is able to perform to their full capacities  
without any hindrances.

This certificate is provided to him / her for the purpose of Work.

Signature of the Candidate : V. Chavan

Doctor's Signature & Seal :

Co  
DR. CHETAN J. GALANDE  
M.D. (MEDICINE)  
REG. NO. - 2010/03/0566

Date : 12/06/2023



**SADGURU SRI- SRI SAKHAR KARKHANA LTD., RAJEWADI**

**PRE -EMPLOYMENT FITNESS CERTIFICATE**

Name : Harish Ankush Sathe  
 Address : Nimgaon, Tel- Malshiras, Dist- Solapur.  
 Date of Birth : 13/10/1997 Age : 26  
 Sex : Male ☒ Female ☐ Marital Status : Married ☐ Unmarried ☒


Any allergy/ Disability/ Pre-existing disease NO.  
 Date 12/06/23 Signature of Candidate H.A. SATHE

Height 176 Cms Weight 72 Kgs Vision  
 Colour- Yes/No Hearing  
 Left Ear OK  
 Right Ear OK

Any other Findings : B.P - 97

I Dr. Chetan Galande  
 hereby Certify that I have examined Mr./Ms harish sathe on  
12/06/2023 and find him FIT/UNFIT for employment.

Remarks if unfit: \_\_\_\_\_

 **DR CHETAN J GALANDE**  
 M.D. (MEDICINE)  
 REG. NO.- 2010/03-0568

Signature & Seal

I declare that the above information is true and correct to the best of my knowledge and I am not suffering from any disease / illness, the presence of which I have not revealed . I fully understand that any misrepresentation of this declaration could lead to the termination of my offer/appointment. In case of any discrepancy arising out of my declaration ,I will undergo the the medical check-up by the company's Suggested doctor and their findings will be fully binding on me and action thereon towards my employment will be accepted by me. I give my consent to L & T to seek further information if,any from me directly or from any appropriate doctor.

Signature of Candidate H.A. SATHE

Date 12/06/2023


## Medical Certificate

This is to certify that Mr./ Ms./Mrs. Harish Sathe Son / Daughter of  
Ankush Age 26 Years of Village / Town Nimgaon  
P.O. Nimgaon District Solapur State Maharashtra is free  
from defective vision, deafness and other health issues that are likely to interfere with the  
effectiveness of their work. He / She is in good health and is able to perform to their full capacities  
without any hindrances.

This certificate is provided to him / her for the purpose of Work.

Signature of the Candidate : H.A.SATHE

Doctor's Signature & Seal :

  
DR. CHETAN J. GALANDE  
M.D. (MEDICINE)  
REG. NO. - 2010/03/0566

Date : 12/06/2023



**SADGURU SRI- SRI SAKHAR KARKHANA LTD., RAJEWADI**


**PRE -EMPLOYMENT FITNESS CERTIFICATE**

Name : <u>Amol Satyavan Jagare</u>	
Address : <u>Shelave, Tel-malshiras, Dist - Solapur</u>	
Date of Birth : <u>21/05/1993</u>	Age <u>30</u>
Sex : Male <input checked="" type="checkbox"/> Female <input type="checkbox"/>	Marital Status : Married <input checked="" type="checkbox"/> Unmarried <input type="checkbox"/>

Any allergy/ Disability/ Pre-existing disease <u>NO</u>
Date <u>12/06/23</u> Signature of Candidate <u>Amol Satyavan Jagare</u>

Height <u>162</u> Cms	Weight <u>67</u> Kgs	Vision	Hearing
		Colour- Yes/No	Left Ear <u>OK</u>
			Right Ear <u>OK</u>

Any other Findings : <u>B.P - 113</u>
---------------------------------------

I Dr. <u>Chetan Galande</u>
hereby Certify that I have examined Mr./Ms <u>Amol Jagare</u> on <u>12/06/2023</u> and find him <u>FIT/UNFIT</u> for employment.
Remarks if unfit: _____
 DR. CHETAN J. GALANDE M.D. (MEDICINE) REG. NO.- 2010/03/0566
Signature & Seal

I declare that the above information is true and correct to the best of my knowledge and I am not suffering from any disease / illness, the presence of which I have not revealed . I fully understand that any misrepresentation of this declaration could lead to the termination of my offer/appointment. In case of any discrepancy arising out of my declaration ,I will undergo the the medical check-up by the company's Suggested doctor and their findings will be fully binding on me and action thereon towards my employment will be accepted by me. I give my consent to L & T to seek further information if,any from me directly or from any appropriate doctor.

Signature of Candidate Amol Satyavan Jagare

Date 12/06/2023

## Medical Certificate

This is to certify that Mr./ Ms./Mrs. Amol Jagure Son / Daughter of  
Satyawan Age 30 Years of Village / Town Shelave.  
P.O Shelave. District Solapur State Maharashtra. is free  
from defective vision, deafness and other health issues that are likely to interfere with the  
effectiveness of their work. He / She is in good health and is able to perform to their full capacities  
without any hindrances.

This certificate is provided to him / her for the purpose of work.

Signature of the Candidate : अमोल जगुरे

Doctor's Signature & Seal :

Dr  
DR. CHETAN J. GALANDE  
M.D. (MEDICINE)  
REG. NO. - 2010/03/0566

Date : 16/06/2023



SADGURU SRI- SRI SAKHAR KARKHANA LTD., RAJEWADI

PRE -EMPLOYMENT FITNESS CERTIFICATE

Name : Mahavir danyanoba mishkar  
Address : Athe, Tel - pandharpur, dist - Solapur  
Date of Birth : 30/09/1999 Age 24  
Sex : Male ☒ Female ☐ Marital Status : Married ☐ Unmarried ☒

Any allergy/ Disability/ Pre-existing disease NO  
Date 12/06/23 Signature of Candidate Miskar M.D.

Height 1.80 Cms Weight 74 Kgs Vision Colour- Yes/No Hearing Left Ear ok  
Right Ear ok

Any other Findings : B.P - 112

I Dr. Chetan Galande  
hereby Certify that I have examined Mr./Ms Mahavir mishkar on 12/06/2023 and find him FIT/UNFIT for employment.

Remarks if unfit: \_\_\_\_\_

6 DR. CHETAN J. GALANDE  
M.D. (MEDICINE)  
REG. NO. - 2010/03/0558  
Signature & Seal

I declare that the above information is true and correct to the best of my knowledge and I am not suffering from any disease / illness, the presence of which I have not revealed. I fully understand that any misrepresentation of this declaration could lead to the termination of my offer/appointment. In case of any discrepancy arising out of my declaration, I will undergo the medical check-up by the company's Suggested doctor and their findings will be fully binding on me and action thereon towards my employment will be accepted by me. I give my consent to L & T to seek further information if, any from me directly or from any appropriate doctor.

Signature of Candidate Miskar M.D.

Date 12/06/2023


## Medical Certificate

This is to certify that Mr./ Ms./Mrs. Mahavir miskar. Son / Daughter of  
Danyoba Age 24 Years of Village / Town Avhe  
P.O. Avhe. District Solapur State Maharashtra is free  
from defective vision, deafness and other health issues that are likely to interfere with the  
effectiveness of their work. He / She is in good health and is able to perform to their full capacities  
without any hindrances.

This certificate is provided to him / her for the purpose of work.

Signature of the Candidate : Miskar. M.D.

Doctor's Signature & Seal :

  
DR. CHETAN J. GALANDE  
M.D. (MEDICINE)  
REG. NO. - 2010/03/0566

Date : 12/06/2023



SADGURU SRI- SRI SAKHAR KARKHANA LTD., RAJEWADI

PRE-EMPLOYMENT FITNESS CERTIFICATE

Name : Uttam Vittoba Vibhute  
Address : lokewadi, tel - Sangola, dist - Solapur  
Date of Birth : 01/01/1996 Age : 50  
Sex : Male ☒ Female ☐ Marital Status : Married ☒ Unmarried ☐

Any allergy/ Disability/ Pre-existing disease : NO  
Date : 01/06/23 Signature of Candidate : [Signature]

Height : 167 Cms Weight : 57 Kgs Vision : OK Hearing : OK  
Colour- Yes/No : OK Left Ear : OK  
Right Ear : OK

Any other Findings : B.P - 105

I Dr. : Chetan Galande  
hereby Certify that I have examined Mr./Ms Uttam Vibhute on 01/06/2023 and find him FIT/UNFIT for employment.  
Remarks if unfit :

[Signature] DR CHETAN J. GALANDE  
M.D. (MEDICINE)  
REG. NO. - 2010/03/0566  
Signature & Seal


I declare that the above information is true and correct to the best of my knowledge and I am not suffering from any disease / illness, the presence of which I have not revealed. I fully understand that any misrepresentation of this declaration could lead to the termination of my offer/appointment. In case of any discrepancy arising out of my declaration, I will undergo the medical check-up by the company's Suggested doctor and their findings will be fully binding on me and action thereon towards my employment will be accepted by me. I give my consent to L & T to seek further information if, any from me directly or from any appropriate doctor.

Signature of Candidate : [Signature]  
Date : 01/06/23


## Medical Certificate

This is to certify that Mr./ Ms./Mrs. Uttam Vibhute. Son / Daughter of  
Vithoba Age 50 Years of Village / Town lotewadi  
P.O. lotewadi District Solapur State Maharashtra is free  
from defective vision, deafness and other health issues that are likely to interfere with the  
effectiveness of their work. He / She is in good health and is able to perform to their full capacities  
without any hindrances.

This certificate is provided to him / her for the purpose of work.

Signature of the Candidate : 

Doctor's Signature & Seal :

  
DR. CHETAN J. GALANDE  
M.D. (MEDICINE)  
REG. NO. - 2010/03/0566

Date : 01/06/2023



**SADGURU SRI- SRI SAKHAR KARKHANA LTD., RAJEWADI**

**PRE -EMPLOYMENT FITNESS CERTIFICATE**

Name : Sagar Shorad dhare  
 Address : At. khavaspur, Tel - Sangola Dist - Solapur  
 Date of Birth : 09/04/1999 Age : 24  
 Sex : Male ☒ Female ☐ Marital Status : Married ☐ Unmarried ☒

Any allergy/ Disability/ Pre-existing disease : No  
 Date : 01/06/23 Signature of Candidate : Sdhare

Height : 176 Cms Weight : 72 Kgs Vision : Yes/No Hearing :  
 Colour : Yes/No Left Ear : OK  
 Right Ear : OK

Any other Findings : B.P - 84

I Dr. : Chetan Galande  
 hereby Certify that I have examined Mr./Ms Sagar dhare on  
01/06/2023 and find him **FIT/UNFIT** for employment.

Remarks if unfit : \_\_\_\_\_

6 DR CHETAN J. GALANDE  
 M.D. (MEDICINE)  
 REG. NO. - 2010/03/0568  
 Signature & Seal

I declare that the above information is true and correct to the best of my knowledge and I am not suffering from any disease / illness, the presence of which I have not revealed . I fully understand that any misrepresentation of this declaration could lead to the termination of my offer/appointment. In case of any discrepancy arising out of my declaration ,I will undergo the the medical check-up by the company's Suggested doctor and their findings will be fully binding on me and action thereon towards my employment will be accepted by me. I give my consent to L & T to seek further information if,any from me directly or from any appropriate doctor.

Signature of Candidate : Sdhare

Date : 01/06/2023

## Medical Certificate

This is to certify that Mr./ Ms./Mrs. Sagar dhore Son / Daughter of  
Shardad AGE 24 Years of Village / Town Kharaspur  
P.O. Kharaspur District Solapur State Maharashtra is free  
from defective vision, deafness and other health issues that are likely to interfere with the  
effectiveness of their work. He / She is in good health and is able to perform to their full capacities  
without any hindrances.

This certificate is provided to him / her for the purpose of Work

Signature of the Candidate :



Doctor's Signature & Seal :



DR. CHETAN J. GALANDE  
M.D. (MEDICINE)  
REG. NO. - 2010/03/0566

Date : 01/06/2023



**SADGURU SRI- SRI SAKHAR KARKHANA LTD., RAJEWADI**

**PRE -EMPLOYMENT FITNESS CERTIFICATE**

Name : Aabaso Sadashiv Mude  
 Address : At - Gardi, Tal - Pandharpur, dist Solapur.  
 Date of Birth : 10/01/1999 Age 24  
 Sex : Male ☒ Female ☐ Marital Status : Married ☐ Unmarried ☒

Any allergy/ Disability/ Pre-existing disease ..... No  
 Date ..... Signature of Candidate A.S. Mude

Height 170 Cms Weight 60 Kgs Vision Yes/No Hearing  
 Colour Yes/No Left Ear OK  
 Right Ear OK

Any other Findings : B.p - 90

I Dr. Chetan Galande  
 hereby Certify that I have examined Mr./Ms Aabaso Mude on  
01/06/2023 and find him FIT/UNFIT for employment.  
 Remarks if unfit:

6 DR CHETAN J. GALANDE  
 M.D. (MEDICINE)  
 REG. NO. - 2010/03/0568  
 Signature & Seal

I declare that the above Information is true and correct to the best of my knowledge and I am not suffering from any disease / illness, the presence of which I have not revealed . I fully understand that any misrepresentation of this declaration could lead to the termination of my offer/appointment. In case of any discrepancy arising out of my declaration ,I will undergo the the medical check-up by the company's Suggested doctor and their findings will be fully binding on me and action thereon towards my employment will be accepted by me. I give my consent to L & T to seek further information if,any from me directly or from any appropriate doctor.

Singnature of Candidate A.S. Mude  
 Date 01/06/2023

## Medical Certificate

This is to certify that Mr./ Ms./Mrs. Adbaso mude Son / Daughter of Sadashiv Age 24 Years of Village / Town Gardi P.O. Gardi District Solapur ~~Pandharpur~~ State Maharashtra is free from defective vision, deafness and other health issues that are likely to interfere with the effectiveness of their work. He / She is in good health and is able to perform to their full capacities without any hindrances.

This certificate is provided to him / her for the purpose of Work.

Signature of the Candidate :

A.S. Mude

Doctor's Signature & Seal :

Co

DR. CHETAN J. GALANDE  
M.D. (MEDICINE)  
REG. NO. - 2010/03/0566

Date : 01/06/2023



SADGURU SRI- SRI SAKHAR KARKHANA LTD., RAJEWADI

PRE -EMPLOYMENT FITNESS CERTIFICATE

Name : Sachin dnyaneshwar khatake  
Address : A.P- Jambhud, Tel- malshiras, Dist - Solapur.  
Date of Birth : 06/05/1997 Age 26  
Sex : Male ☒ Female ☐ Marital Status : Married ☒ Unmarried ☐

Any allergy/ Disability/ Pre-existing disease NO  
Date 01/06/23 Signature of Candidate [Signature]

Height 174 Cms Weight 69 Kgs Vision Yes/No Hearing ok  
Colour Yes/No Left Ear ok  
Right Ear ok

Any other Findings : B.P- 87

I Dr. Chetan Galande  
hereby Certify that I have examined Mr./Ms Sachin khatake on  
01/06/2023 and find him FIT/UNFIT for employment.  
Remarks if unfit:

[Signature] DR CHETAN J GALANDE  
M.D. (MEDICINE)  
REG. NO. 2010/03/0568  
Signature & Seal

I declare that the above information is true and correct to the best of my knowledge and I am not suffering from any disease / illness, the presence of which I have not revealed . I fully understand that any misrepresentation of this declaration could lead to the termination of my offer/appointment. In case of any discrepancy arising out of my declaration , I will undergo the the medical check-up by the company's Suggested doctor and their findings will be fully binding on me and action thereon towards my employment will be accepted by me. I give my consent to L & T to seek further information if, any from me directly or from any appropriate doctor.

Signature of Candidate [Signature]

Date 01/06/2023


## Medical Certificate

This is to certify that Mr./ Ms./Mrs. Sachin Kheltake Son / Daughter of andyareshwar Age 26 Years of Village / Town Tambhud. P.O. Tambhud District Solapur State Maharashtra is free from defective vision, deafness and other health issues that are likely to interfere with the effectiveness of their work. He / She is in good health and is able to perform to their full capacities without any hindrances.

This certificate is provided to him / her for the purpose of work.

Signature of the Candidate : SHR

Doctor's Signature & Seal :

  
DR. CHETAN J. GALANDE  
M.D. (MEDICINE)  
REG. NO.- 2010/03/0568

Date : 01/06/2023



## **Annexure-14**

TEST REPORT					
Report No:	EFEL/PRO/2024/01/533		Issue Date	29/01/2024	
Name and Address of Customer	M/s. Sadguru Sri Sri Sakhar Karkana Ltd. 231/232, Rajewadi Atpadi Sangli.				
Sample Name	Ambient Air	Sample Description	--		
Date of Sampling	22/01/2024	Sampling duration	24 hrs		
Start Date of Analysis	23/01/2024	End Date of Analysis	29/01/2024		
Sampling Location	Near Main Gate	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I		
Dry bulb temperature	30°C	Wet bulb temperature	25°C		
Relative Humidity	59%	Sampling done by	EFEL		
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	22.6	µg/m <sup>3</sup>	≤ 80	IS 5182(Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	27.9	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	64.9	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	34.6	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.7	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic(As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel(Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia(NH <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/ m <sup>3</sup>	≤ 1.0	
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 (Part 11)
Remark-					
➤ All above results are within National Ambient Air Quality standards.					
➤ BDL – Below Detectable Limit.					





**Authorized Signatory**  
**Mr. Mahesh Shelar**  
**(Managing Director)**



TEST REPORT					
Report No:		EFEL/PRO/2024/01/534		Issue Date	29/01/2024
Name and Address of Customer		M/s. Sadguru Sri Sri Sakhar Karkana Ltd. 231/232, Rajewadi Atpadi Sangli.			
Sample Name		Ambient Air		Sample Description	--
Date of Sampling		22/01/2024		Sampling duration	24 hrs
Start Date of Analysis		23/01/2024		End Date of Analysis	29/01/2024
Sampling Location		Near ETP		Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature		30 °C		Wet bulb temperature	25 °C
Relative Humidity		59 %		Sampling done by	EFEL
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	21.6	µg/m <sup>3</sup>	≤ 80	IS 5182(Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	26.9	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	62.4	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	30.5	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.2	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic(As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel(Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia(NH <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/ m <sup>3</sup>	≤ 1.0	
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 (Part 11)
Remark-					
➤ All above results are within National Ambient Air Quality standards.					
➤ BDL – Below Detectable Limit.					
<div>At. Jais</div>					





Authorized Signatory  
**Mr. Mahesh Shelar**  
 (Managing Director)



**TEST REPORT**

Report No:	EFEL/PRO/2024/01/535	Issue Date	29/01/2024
Name and Address of Customer	M/s. Sadguru Sri Sri Sakhar Karkana Ltd. 231/232, Rajewadi Atpadi Sangli.		
Sample Name	Ambient Air	Sample Description	--
Date of Sampling	22/01/2024	Sampling duration	24 hrs
Start Date of Analysis	23/01/2024	End Date of Analysis	29/01/2024
Sampling Location	Near Distillery	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	30 °C	Wet bulb temperature	25 °C
Relative Humidity	59 %	Sampling done by	EFEL

**Results**

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	18.9	µg/m <sup>3</sup>	≤ 80	IS 5182(Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	23.5	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	57.6	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	33.5	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.4	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic(As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel(Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia(NH <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/ m <sup>3</sup>	≤ 1.0	
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 (Part 11)

**Remark-**

- All above results are within National Ambient Air Quality standards.
- BDL – Below Detectable Limit.



  
Authorized Signatory  
Mr. Mahesh Shelar  
(Managing Director)

Page 01 of 01

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.

Registered Address: Flat No. A-5, Balaji palace, Kharadi Road,  
Chandan Nagar, Tal. Haveli, Dist. Pune - 411014.

Certifications: ISO 9001 : 2015  
• ISO 14001: 2015 • ISO 48001 : 2018



## **Annexure-15**

TEST REPORT					
Report No:		EFEL/PRO/2024/01/538		Issue Date	
		29/01/2024			
Name and Address of Customer		M/s. Sadguru Sri Sri Sakhar Karkana Ltd. 231/232, Rajewadi Atpadi Sangli.			
Sample Name		Ambient Noise		Sample Description	
				--	
Date of Sampling		22/01/2024		Sampling duration	
				--	
Sampling done by		EFEL			
Results					
Sr. No.	Locations	Results dB(A) Day	Results dB(A) Night	Specifications (CPCB Standards dB(A))	Method
1.	Near Main Gate	71.6	67.8	75/70	CPCB Guideline
2.	Near Boiler	64.9	60.5		
3.	Near ETP	60.9	55.4		
4.	Near Distillery	63.5	57.6		
Remark-					
➤ All above Noise level results are within Central Pollution Control Board Standards limit.					
➤ Day/Night -75/70 dB.					



  
Authorized Signatory  
Mr. Mahesh Shelar  
(Managing Director)



## **Annexure-16**

## Photographs of Rainwater Harvesting Reservoir





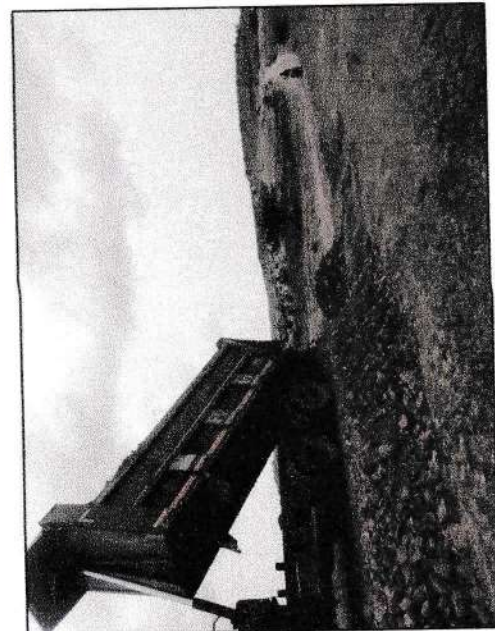
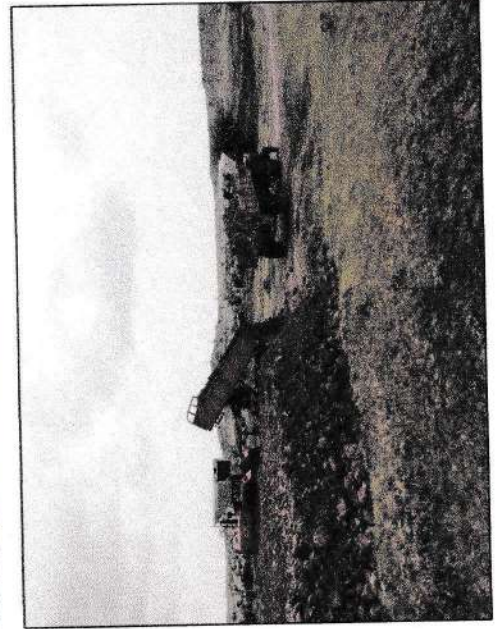
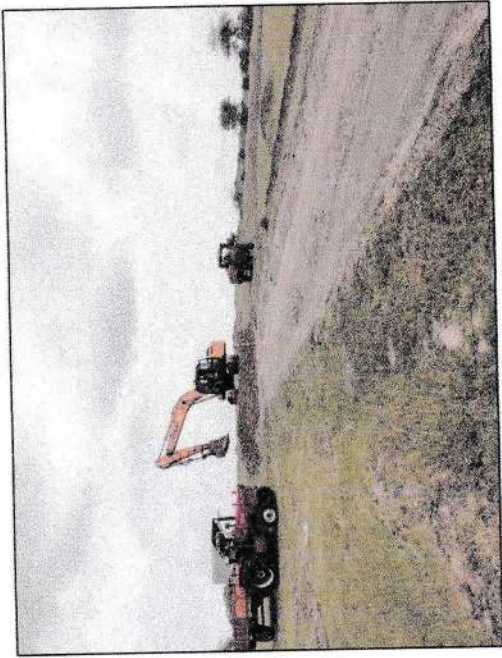
## **Annexure-17**

**List Of Total CSR Expenses From 2018-19 to 2022-23**

Sr. No	CSR Activities	Location	Amount Spent in (Lac)
1	Road	In Village Rajewadi, Hingani to Karkhana Road	1,10,00,000
2	Goshala Karkhana Site	Rajewadi	13,00,000
3	Brick Manufacturing Unit	Rajewadi	11,00,000
4	School Building	Rajewadi	35,00,000
5	Maan River Cleaning Project	From Lingware To Khajodwadi Tal- Atpadi Dist-Sangli	35,00,000
6	Water Conservation Project	In Village Bacheri, Itaki, Rajewadi,	20,00,000
7	Tree Platanation	In Village Rajewadi, Bacheri	2,00,000
8	Ram Mandir Project	In Village Bacheri	9,00,000
9	Garden Banch Donation	In Village Rajewadi	1,00,000
10	Donation for School Building Repairing	In Village Itaki Tal- Sangola Dist- Solapur	1,00,000
		<b>Total CSR Expenses</b>	<b>2,37,00,000</b>

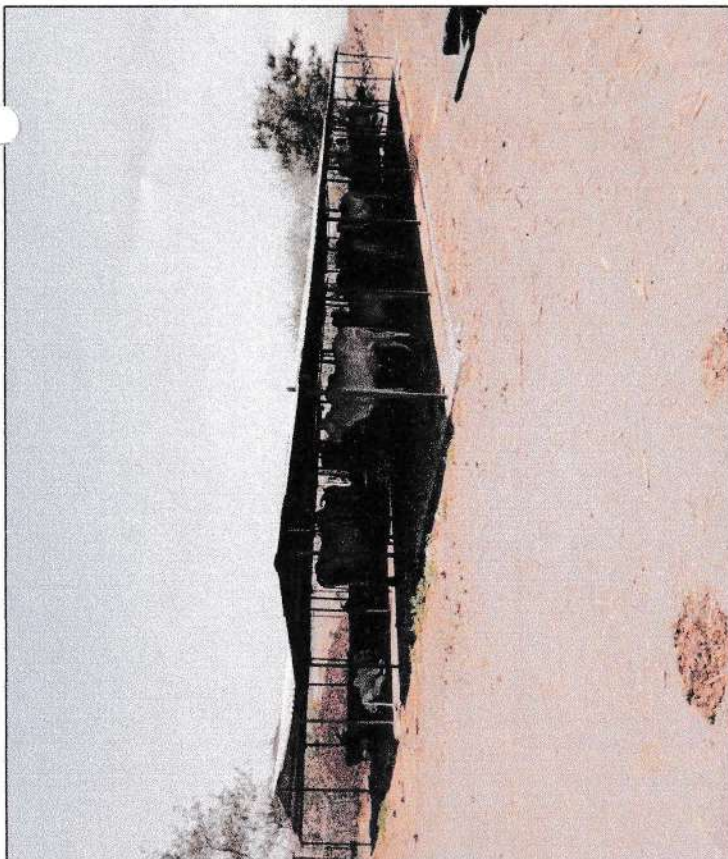
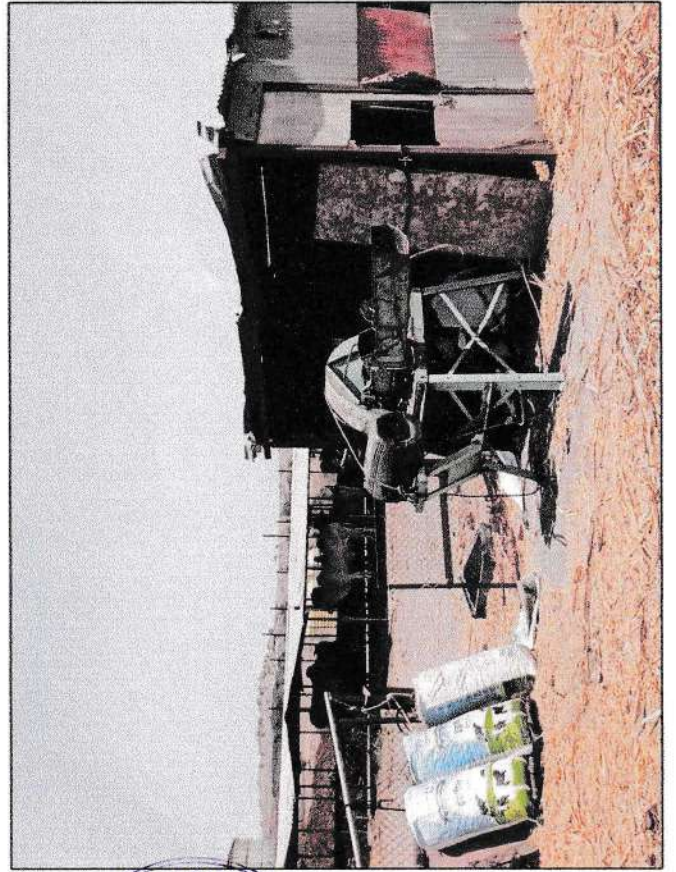
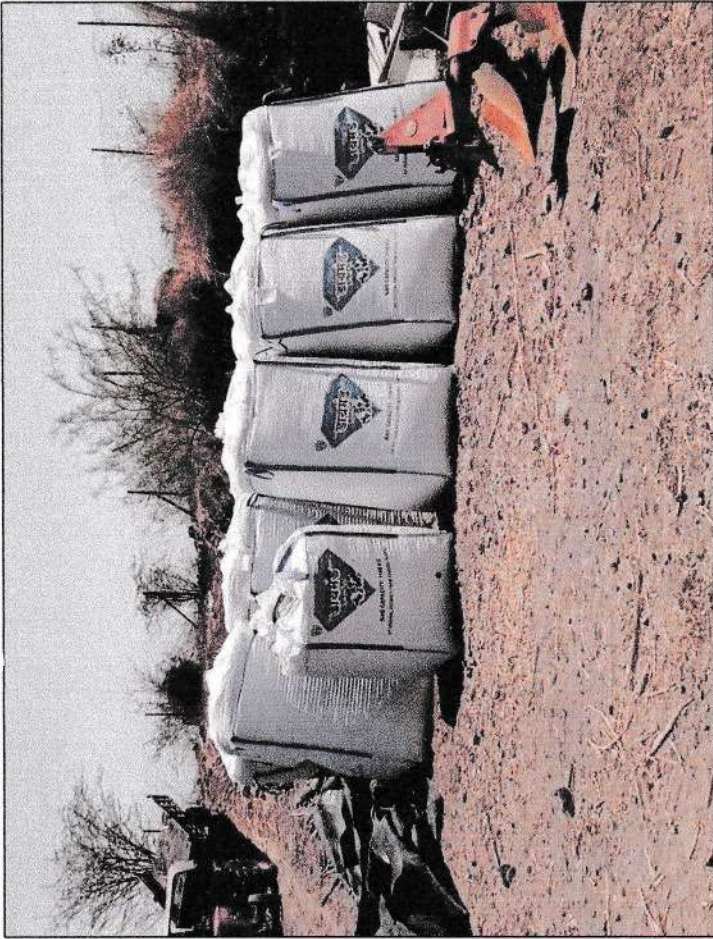


# Road Development -



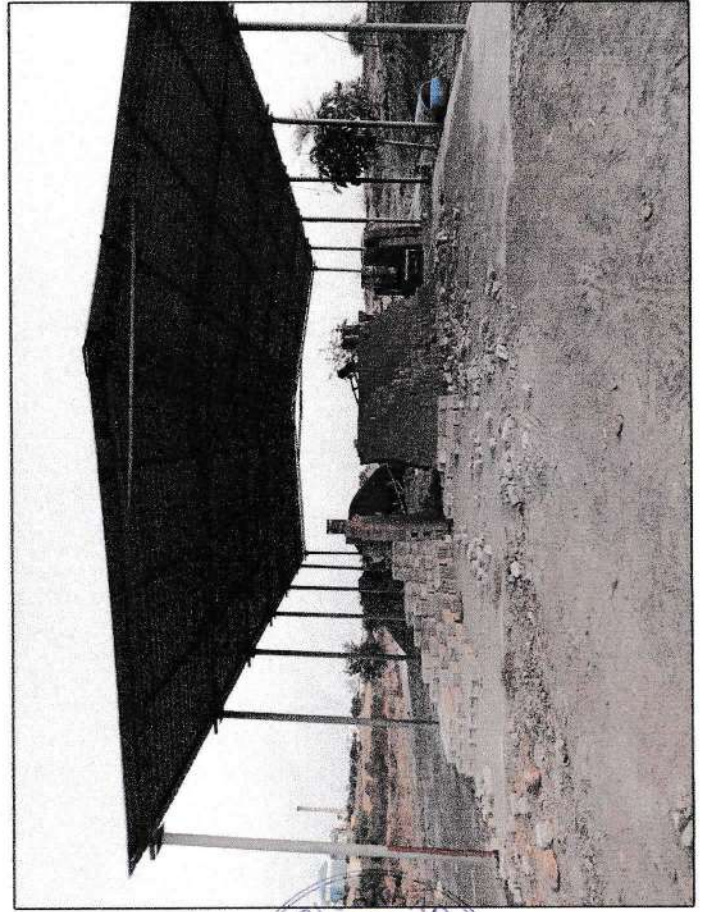


= Gashala Project =



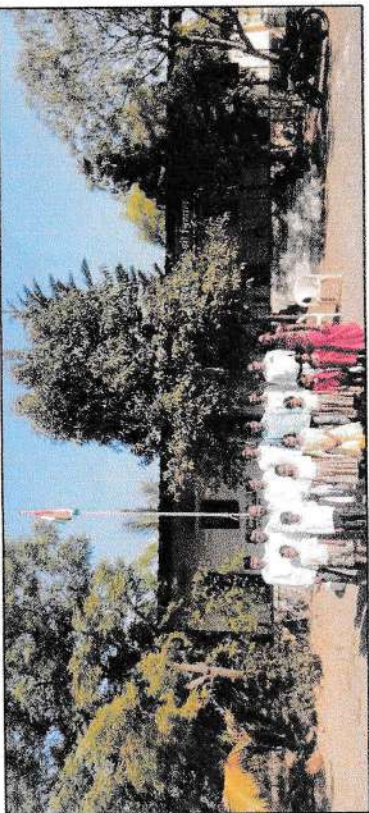


= Bricks Projects =



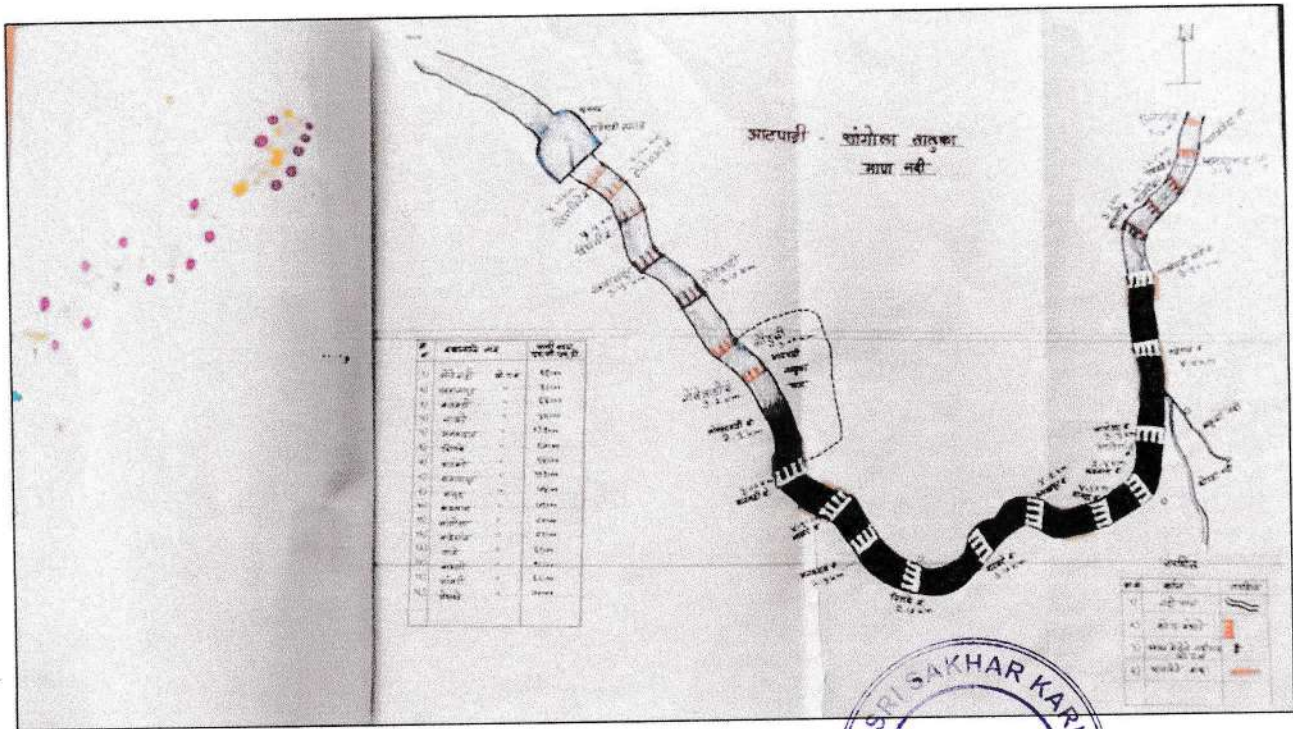


= School =



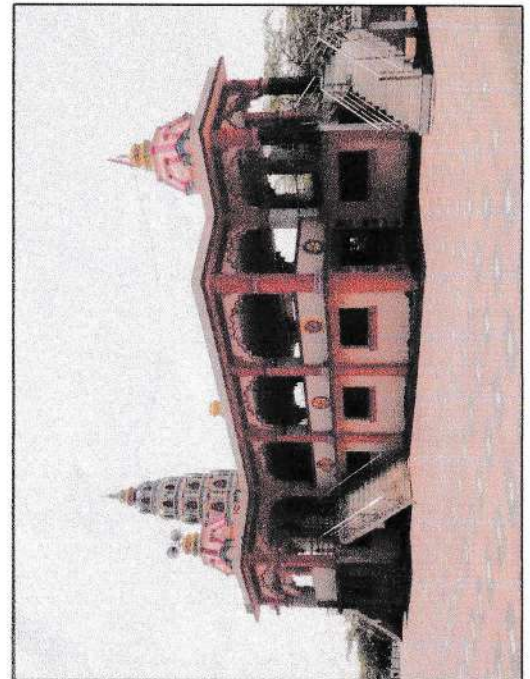
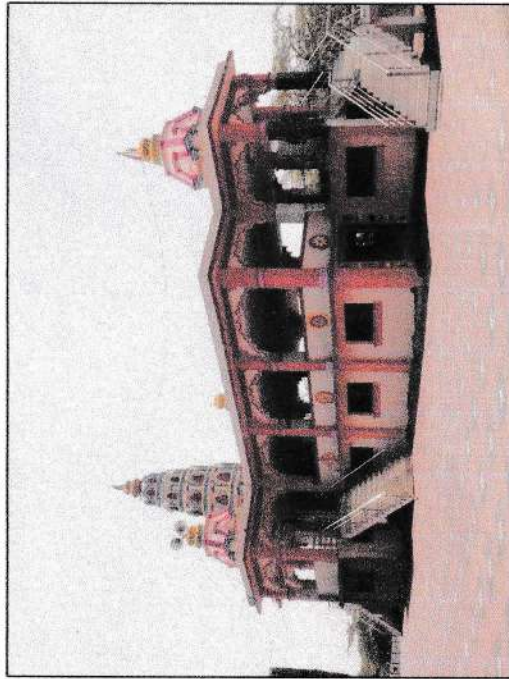


= Man River cleaning =



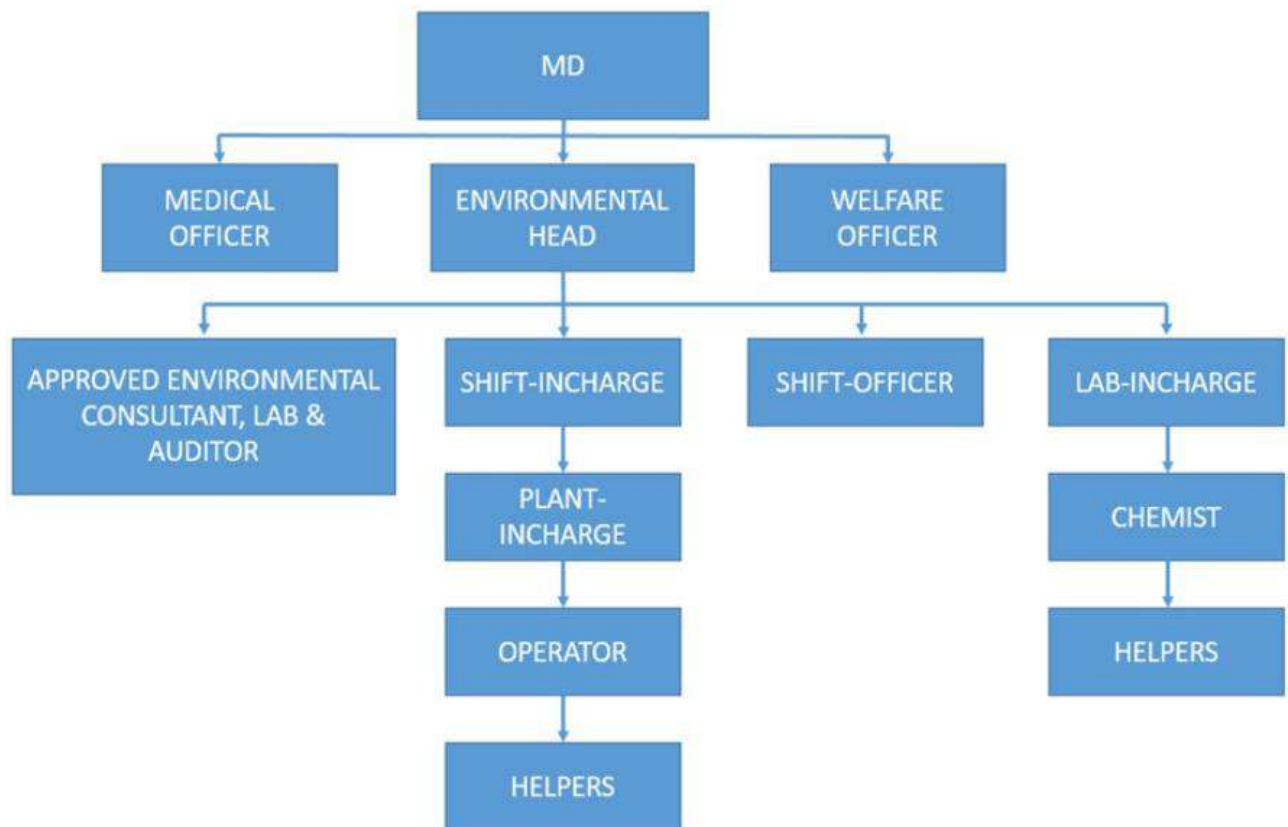


= Ram Mandir - Bāchen° =



## **Annexure-18**





## Environmental Management Cell

Sr.No	Name	Designation	Contact No
1	Seshagirirao Narayanarao Narra	Chairman and Managing Director	9422321699
2	Rohit Seshagirirao Narra	Chief Finance Officer	9764258592
3	Kaustubh Ramakant Prabhune	Supply Chain Manager	7798987003
4	Shankar Bhanudas Zanje	Dy.Environment Manager	7798987010
5	Prakash Shrimant Bhosale	Distillery Manager	8554989954
6	Nagesh Ramchandra Pawar	Process Manager	9834744254
7	Annasaheb Bhivaji Shende	Sr.Manager Business Development	7798987008
8	Sachin Dada Khatake	Manager (HR & Admin)	8554989910
9	Chetan Jayvant Galande	Medical Officer	9762206566
10	Suryakant Vilas Bhagat	Shift Incharge	9922280753
11	Vijay Appa Kole	Plant Supervisor	9423325970
12	Prakash Gangaram Galave	Lab Chemist	9158507804
13	Sachin Gorakh Gund	Fermantation Operator	9527085135
14	Swaroop Sanjay Phule	Assit. Operator	7721061440

For Sadguru Sri Sri Sakhar Karkhana Ltd.

Authorised Signatories

Corporate Office: Sadguru Sri Sri Sakhar Karkhana Ltd.

C/o. Intelux Electronics Pvt. Ltd. Unit no. 2, Electronic Co. op. Estate, Pune-Satara Road, Pune - 411 009, India.

Ph.: +91 020 2422 3720 / 30 / 34 | Fax: +91.020 024221258 | [www.srisrisugar.com](http://www.srisrisugar.com) | CIN: U15421PN2010PLC135442

SUGAR : WHITE, NATURAL BROWN & ORGANIC / GREEN POWER / ETHANOL / NATURAL FARMING / SOCIO-ECONOMIC PROJECTS FOR RURAL DEVELOPMENT



## **Annexure-19**



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2016

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000063821

### Submitted Date

06-01-2024

## PART A

### Company Information

#### Company Name

Sadguru Sri Sri Sakhar Karkhana Ltd,  
Rajewadi

#### Application UAN number

MPCBCONSENT-  
0000142927/CR/2211000876

#### Address

Rajewadi

#### Plot no

Sy. No - 231/232

#### Taluka

Atpadi

#### Village

Rajewadi

#### Capital Investment (In lakhs)

22931.95

#### Scale

L.S.I

#### City

Sangli

#### Pincode

415315

#### Person Name

C.H.Ramarao

#### Designation

General Manager

#### Telephone Number

7798987010

#### Fax Number

#### Email

environment@srisrisugar.com

#### Region

SRO-Sangli

#### Industry Category

Red

#### Industry Type

R12 Sugar ( excluding Khandsari)

#### Last Environmental statement submitted online

yes

#### Consent Number

MPCBCONSENT-  
0000142927/CR/2211000876

#### Consent Issue Date

2022-11-11

#### Consent Valid Upto

2023-07-31

#### Establishment Year

2012

#### Date of last environment statement submitted

Jan 1 1900 12:00:00:000AM

#### Industry Category Primary (STC Code) & Secondary (STC Code)

### Product Information

#### Product Name

Sugar

#### Consent Quantity

16500

#### Actual Quantity

16500

#### UOM

### By-product Information

#### By Product Name

Bagasse

#### Consent Quantity

45000

#### Actual Quantity

199830.467

#### UOM

MT/A

Pressmud

6000

22018.23

MT/A

BH mollasses

6750

44560.00

MT/A

Electric Power (Co-generation)

17

16.2

Mwh



Part-B (Water & Raw Material Consumption)

<b><u>1) Water Consumption in m3/day</u></b>		
<b>Water Consumption for Process</b>	<b>Consent Quantity in m3/day</b>	<b>Actual Quantity in m3/day</b>
	180.00	180.00
<b>Cooling</b>	70.00	70.00
<b>Domestic</b>	60.00	60.00
<b>All others</b>	0.00	0.00
<b>Total</b>	310.00	310.00

<b><u>2) Effluent Generation in CMD / MLD</u></b>			
<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Trade Effluent	356	356	CMD
Domestic Effluent	40	40	CMD

<b><u>2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)</u></b>			
<b>Name of Products (Production)</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Sugar (excluding Khandsari)	250	250	CMD

<b><u>3) Raw Material Consumption (Consumption of raw material per unit of product)</u></b>			
<b>Name of Raw Materials</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Lime	1566.02	1132.860	
Sulphur	498.03	446.278	
Sugar Cane	910479.037	686582.209	

<b><u>4) Fuel Consumption</u></b>			
<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Bagasse	45000	199830.467	MT/A

Part-C

<b><u>Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)</u></b>					
<b><u>[A] Water</u></b>					
<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day) Quantity</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
COD	345	215	<14	250	W.T.L.
BOD	345	85	<15	100	W.T.L.
TSS	345	35	<65	100	W.T.L.
TDS	345.02	1130	<47	2100	W.T.L.

<b><u>[B] Air (Stack)</u></b>					
<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day) Quantity</b>	<b>Concentration of Pollutants discharged(Mg/NM3) Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>

Part-D

<u>HAZARDOUS WASTES</u>			
<u>1) From Process</u>			
<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.1 Used or spent oil	130	160	Kg/Annum
<u>2) From Pollution Control Facilities</u>			
<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	0	0	MT/A

Part-E

SOLID WASTES				
1) From Process				
Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year		UOM
NA	0	0		MT/A
2) From Pollution Control Facilities				
Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year		UOM
Fly/Boiler Ash	2312	2954.750		MT/A
3) Quantity Recycled or Re-utilized within the unit				
Waste Type	Total During Previous Financial year	Total During Current Financial year		UOM
5.1 Used or spent oil	195	180		MT/A

Part-F

<u>Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.</u>			
<u>1) Hazardous Waste</u>			
Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	180	Kg/Annum	NA
<u>2) Solid Waste</u>			
Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Pressmud	22018.23	MT/A	NA
ETP Sludge	18.30	MT/A	NA
Fly Ash	2034	MT/A	NA

Part-G

<b>Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.</b>						
<b>Description</b>	<b>Reduction in Water Consumption (M3/day)</b>	<b>Reduction in Fuel &amp; Solvent Consumption (KL/day)</b>	<b>Reduction in Raw Material Consumption (Kg)</b>	<b>Reduction in Power Consumption (KWH)</b>	<b>Capital Investment(in Lacs)</b>	<b>Reduction in Maintenance(in Lacs)</b>



Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.  
[A] Investment made during the period of Environmental Statement

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
ETP	Treating the effluent	13.73
Boiler ESP	Collection of Ash	5.25

[B] Investment Proposed for next Year

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
ETP , ESP	Treating the effluent and collection of Ash	20

Part-I

Any other particulars for improving the quality of the environment.

Particulars  
Green Development and implementation of ZLD

Name & Designation  
Zanje.S.B ( Manager Environment )

UAN No:  
MPCB-ENVIRONMENT\_STATEMENT-0000063821

Submitted On:  
06-01-2024

## **Annexure-20**



कर

# कृष्णा अभिमत ठरले स्वच्छ कॅम्पस

कराड : केंद्रीय मनुष्यबळ विकास मंत्रालयाने घेतलेल्या स्वच्छ कॅम्पस रँकिंग सन २०१८ या स्पर्धेत येथील कृष्णा वैद्यकीय विज्ञान अभिमत विद्यापीठाने टेक्निकल इन्स्टिट्यूशन्स-युनिवर्सिटीज (रेसिडेन्शियल) या विभागात देशात पाचवे रँकिंग पटकावले.

'स्वच्छता ही सेवा' या अभियानांतर्गत देशभरातील सर्व उच्च शिक्षण संस्थांसाठी स्वच्छ कॅम्पस रँकिंग स्पर्धा आयोजित

करण्यात आली होती. पात्र २५० संस्थांची निवड करून, या संस्थांना मनुष्यबळ विकास मंत्रालयाच्या समितीने प्रत्यक्ष भेट देऊन पाहणी केली होती. नवी दिल्ली येथे एक ऑक्टोबरला झालेल्या समारंभात केंद्रीय मनुष्यबळ विकासमंत्री प्रकाश जावडेकर यांच्या हस्ते विद्यापीठाचे कुलसचिव डॉ. एम. व्ही. घोरपडे यांनी हा पुरस्कार स्वीकारला.

## जाहीर नोटीस

आमच्या सद्गुरू श्री श्री साखर कारखाना लि, गट नं. २३४ मौजे राजेवाडी ता.आटपाडी जि.सांगली या प्रकल्पाचे साखर कारखान्याचे २५०० टीसीडी ते ५००० टीसीडी या विस्तारीकरणास तसेच कोजनरेशन प्रकल्पाचे १२ मे.वॅ. ते २२ मे.वॅट विस्तारीकरणास व नवीन ५० के एल पी डी असावणी (Fuel Ethanol, RS, ENA, Absolute alcohol) प्रकल्पाचे उभारणीस केंद्रीय पर्यावरण, वनविभाग आणि वातावरण बदल मंत्रालय, नवी दिल्ली भारत सरकार यांचे आदेश पत्र क्र. F.No.J-11011/152/2016- IAI (I) दि.७ ऑगस्ट २०१८ रोजी या द्वारे परवानगी देण्यात आली आहे. असे सद्गुरू श्री श्री साखर कारखाना लि, राजेवाडी यांनी जाहीर केले आहे.

सद्गुरू श्री श्री साखर कारखाना लि.,  
राजेवाडी ता.आटपाडी जि.सांगली

दि.०४/१०/२०१८



सुंदरम बीएनपी परिव्वास  
— होम फायनान्स —

नोंद, कार्यालय : क्र. ११, फटलोस रोड, चेन्नई - ६००००२.

कॉर्पोरेट कार्यालय : क्र. ४६, व्हाईट रोड, चेन्नई - ६०००१४

त शिक्षणाचा  
ही घातला.  
साधिल्लित  
ड दिली  
प्रतिष्ठा  
कार्य केले  
नी रयत  
केले ते  
ड झाले  
विचार  
आपण  
णाची काम  
जावडेकर,  
विकासमंत्री  
साखर कारखान्याचे  
विज्ञान पत्रिका,  
रयत कौशल्य  
हम विशेषांकाचे  
माले. सहसचिव  
त यांनी आभार  
मेनकुदळे यांनी  
निमित्ताने सातारा  
ग्रामसह प्रभात फेरी

सन



76th Corps Day of Corps of EME  
be Celebrated on 20 Oct 2018 at 512  
Army Base Wksp Officers Mess at  
07:45 PM

All veterans Eagles are cordially  
invited. Attendance details may  
please be communicated to Stn  
Wksp EME, Pune on 9495784498

**HQ Southern Command (EME)**

### Public Notice

Sadguru Sri Sri Sakhar Karkhana Ltd., Survey  
No.234, Rajewadi Tal.Atpadi Dist.Sangli, this  
project has issued Environmental Clearance for  
proposed 50 KLPD new distillery ( Fuel Ethanol,  
RS, ENA, Absolute alcohol), Expansion of Sugar  
factory 2500 TCD to 5000 TCD & expansion of  
Co-Generation 12 MW to 22 MW from Ministry of  
Environment, Forest & Climate Change, New  
Delhi, Govt. of India. vide letter no. F.No. J-  
11011/152/2016- IAll (I) Dated-7.08.2018.

**SADGURU SRI SRI SAKHAR KARKHANA LTD.**  
RAJEWADI, Tal.ATPADI, Dist.SANGLI

Dt. 04.10.2018

GOVERNMENT OF INDIA



**GEOLOGICAL SURVEY OF INDIA**

SOUTHERN REGION, HYDERABAD, INDIA




TEST REPORT					
Report No:		EFEL/PRO/2024/01/533		Issue Date	29/01/2024
Name and Address of Customer		M/s. Sadguru Sri Sri Sakhar Karkana Ltd. 231/232, Rajewadi Atpadi Sangli.			
Sample Name		Ambient Air		Sample Description	--
Date of Sampling		22/01/2024		Sampling duration	24 hrs
Start Date of Analysis		23/01/2024		End Date of Analysis	29/01/2024
Sampling Location		Near Main Gate		Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature		30°C		Wet bulb temperature	25°C
Relative Humidity		59%		Sampling done by	EFEL
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	22.6	µg/m <sup>3</sup>	≤ 80	IS 5182(Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	27.9	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	64.9	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	34.6	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.7	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic(As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel(Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia(NH <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/ m <sup>3</sup>	≤ 1.0	
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 (Part 11)
Remark-					
➤ All above results are within National Ambient Air Quality standards.					
➤ BDL – Below Detectable Limit.					






**Authorized Signatory**  
**Mr. Mahesh Shelar**  
**(Managing Director)**

TEST REPORT					
Report No:	EFEL/PRO/2024/01/534		Issue Date	29/01/2024	
Name and Address of Customer	M/s. Sadguru Sri Sri Sakhar Karkana Ltd. 231/232, Rajewadi Atpadi Sangli.				
Sample Name	Ambient Air		Sample Description	--	
Date of Sampling	22/01/2024		Sampling duration	24 hrs	
Start Date of Analysis	23/01/2024		End Date of Analysis	29/01/2024	
Sampling Location	Near ETP		Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I	
Dry bulb temperature	30 °C		Wet bulb temperature	25 °C	
Relative Humidity	59 %		Sampling done by	EFEL	
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	21.6	µg/m <sup>3</sup>	≤ 80	IS 5182(Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	26.9	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	62.4	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	30.5	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.2	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic(As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel(Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia(NH <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/ m <sup>3</sup>	≤ 1.0	
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 (Part 11)
Remark-					
➤ All above results are within National Ambient Air Quality standards.					
➤ BDL – Below Detectable Limit.					
					



  
Authorized Signatory  
Mr. Mahesh Shelar  
(Managing Director)





**TEST REPORT**

Report No:	EFEL/PRO/2024/01/535	Issue Date	29/01/2024
Name and Address of Customer	M/s. Sadguru Sri Sri Sakhar Karkana Ltd. 231/232, Rajewadi Atpadi Sangli.		
Sample Name	Ambient Air	Sample Description	--
Date of Sampling	22/01/2024	Sampling duration	24 hrs
Start Date of Analysis	23/01/2024	End Date of Analysis	29/01/2024
Sampling Location	Near Distillery	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	30 °C	Wet bulb temperature	25 °C
Relative Humidity	59 %	Sampling done by	EFEL

**Results**

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	18.9	µg/m <sup>3</sup>	≤ 80	IS 5182(Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	23.5	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	57.6	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	33.5	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.4	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic(As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel(Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia(NH <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/ m <sup>3</sup>	≤ 1.0	
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 (Part 11)

**Remark-**

- All above results are within National Ambient Air Quality standards.
- BDL – Below Detectable Limit.



  
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Mr. Mahesh Shelar  
(Managing Director)

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Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.

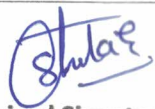
Registered Address: Flat No. A-5, Balaji palace, Kharadi Road,  
Chandan Nagar, Tal. Haveli, Dist. Pune - 411014.

Certifications: ISO 9001 : 2015  
• ISO 14001: 2015 • ISO 48001 : 2018



TEST REPORT					
Report No:	EFEL/PRO/2024/01/536		Issue Date	29/01/2024	
Name and Address of Customer	M/s. Sadguru Sri Sri Sakhar Karkana Ltd. 231/232, Rajewadi Atpadi Sangli.				
Sample Name	Air	Sample Description	Work zone Air		
Date of Sampling	22/01/2024	Sampling duration	1 hrs		
Start Date of Analysis	23/01/2024	End Date of Analysis	29/01/2024		
Sampling Location	Sugar Unit	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I		
Dry bulb temperature	28 °C	Wet bulb temperature	24 °C		
Relative Humidity	64 %	Sampling done by	EFEL		
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (The Factories Act 1948, standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	14.6	µg/m <sup>3</sup>	≤ 5000	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	22.8	µg/m <sup>3</sup>	≤ 6000	IS 5182 (Part 6)
3	Suspended Particulate Matter (SPM)	36.9	µg/m <sup>3</sup>	N.S.	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Respirable Particulate Matter	18.7	µg/m <sup>3</sup>	N.S	
5	Acid Mist	2.0	mg/Nm <sup>3</sup>	N.S	
➤ Remark- All above results are well within The Factories Act, 1948 Standards. N.S.: - Not Specified					



  
Authorized Signatory  
Mr. Mahesh Shelar  
(Managing Director)



TEST REPORT					
Report No:		EFEL/PRO/2024/01/537		Issue Date	
				29/01/2024	
Name and Address of Customer		M/s. Sadguru Sri Sri Sakhar Karkana Ltd. 231/232, Rajewadi Atpadi Sangli.			
Sample Name		Air		Sample Description	
				Work zone Air	
Date of Sampling		22/01/2024		Sampling duration	
				1 hrs	
Start Date of Analysis		23/01/2024		End Date of Analysis	
				29/01/2024	
Sampling Location		Distillery Unit		Sampling Procedure	
				CPCB Guideline for measurement of Ambient Air pollutants Volume I	
Dry bulb temperature		28 °C		Wet bulb temperature	
				24 °C	
Relative Humidity		64 %		Sampling done by	
				EFEL	
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (The Factories Act 1948, standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	18.9	µg/m <sup>3</sup>	≤ 5000	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	22.4	µg/m <sup>3</sup>	≤ 6000	IS 5182 (Part 6)
3	Suspended Particulate Matter (SPM)	42.6	µg/m <sup>3</sup>	N.S.	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Respirable Particulate Matter	14.9	µg/m <sup>3</sup>	N.S	
5	Acid Mist	4.0	mg/Nm <sup>3</sup>	N.S	
➤ Remark- All above results are well within The Factories Act, 1948 Standards. N.S.: - Not Specified					





**Authorized Signatory**  
**Mr. Mahesh Shelar**  
**(Managing Director)**

TEST REPORT					
Report No:		EFEL/PRO/2024/01/538		Issue Date	
		29/01/2024			
Name and Address of Customer		M/s. Sadguru Sri Sri Sakhar Karkana Ltd. 231/232, Rajewadi Atpadi Sangli.			
Sample Name		Ambient Noise		Sample Description	
				--	
Date of Sampling		22/01/2024		Sampling duration	
				--	
Sampling done by		EFEL			
Results					
Sr. No.	Locations	Results dB(A) Day	Results dB(A) Night	Specifications (CPCB Standards dB(A))	Method
1.	Near Main Gate	71.6	67.8	75/70	CPCB Guideline
2.	Near Boiler	64.9	60.5		
3.	Near ETP	60.9	55.4		
4.	Near Distillery	63.5	57.6		
Remark-					
➤ All above Noise level results are within Central Pollution Control Board Standards limit.					
➤ Day/Night -75/70 dB.					





Authorized Signatory  
Mr. Mahesh Shelar  
(Managing Director)





TEST REPORT					
Report No:	EFEL/PRO/2024/01/539		Issue Date	29/01/2024	
Name and Address of Customer	M/s. Sadguru Sri Sri Sakhar Karkana Ltd. 231/232, Rajewadi Atpadi Sangli.				
Sample Name	Source Emission	Sample Description		Stack Material : MS Stack Height : 72.0 M Stack Type : Round	
Date of Sampling	22/01/2024				
Start Date of Analysis	23/01/2024				
End Date of Analysis	29/01/2024				
Sampling Location	Boiler Stack				
Sampling done by	EFEL	Sampling duration	30 min		
Sample Quantity	--	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring		
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	484	°K		
2	Differential Pressure	4.1	mm WG		
3	Velocity	8.45	M/s		
4	Dimensions of Stack	3.50	Mtr.		
5	Stack Area	9.61	M <sup>2</sup>		
6	Gas Volume	180309.54	NM <sup>3</sup> /Hr		
7	Particulate Matter	63.8	mg/NM <sup>3</sup>	≤ 150	CPCB Guideline on methodologies for source emission monitoring
8	Sulphur Dioxide (SO <sub>2</sub> )	38.0	mg/NM <sup>3</sup>	--	
8	Sulphur Dioxide (SO <sub>2</sub> )	164.44	Kg/day	--	
Remark- ➤ All above results are well within MPCB Limit.					



  
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(Managing Director)



**TEST REPORT**

Report No:	EFEL/PRO/2024/01/540	Issue Date	29/01/2024
Name and Address of Customer	M/s. Sadguru Sri Sri Sakhar Karkana Ltd. 231/232, Rajewadi Atpadi Sangli.		
Sample Name	Waste Water	Sample Description	ETP Outlet
Date of Sampling	22/01/2024	Sampling duration	--
Start Date of Analysis	23/01/2024	End Date of Analysis	29/01/2024
Sampling Location	--	Sampling Procedure	APHA 1060
Sampling done by	EFEL	Sample Quantity	2 L

**Results**

Sr. No.	Parameters	Results	Unit(s)	MPCB Limit	Methods
1	pH	7.56	--	5.5-9.0	APHA 4500 H+ A, 23 <sup>rd</sup> Ed. 2017
2	Total Suspended Solids (TSS)	64.0	mg/L	100	APHA 2540 D, 23 <sup>rd</sup> Ed. 2017
3	Total Dissolved Solids (TDS)	1984.0	mg/L	2100	APHA 2540 C, 23 <sup>rd</sup> Ed. 2017
4	Biochemical Oxygen Demand (BOD) at 27°C for 3 days	48.0	mg/L	100	IS 3025 (Part 44)
5	Chemical Oxygen Demand (COD)	151.0	mg/L	250	IS 3025 (Part 58)
6	Oil & Grease	<5.0	mg/L	10	APHA 5520 B, 23 <sup>rd</sup> Ed. 2017
7	Chloride (as Cl)	254.3	mg/L	600	APHA 4500 Cl, 23 <sup>rd</sup> Ed. 2017
8	Sulphate (as SO <sub>4</sub> )	98.0	mg/L	1000	IS 3025 (Part 24)

Remark-All Parameters are within MPCB Limits.



  
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(Managing Director)

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TEST REPORT					
Report No:		EFEL/PRO/2024/01/541		Issue Date	29/01/2024
Name and Address of Customer		M/s. Sadguru Sri Sri Sakhar Karkana Ltd. 231/232, Rajewadi Atpadi Sangli.			
Sample Name		Waste Water	Sample Description		CPU Outlet
Date of Sampling		22/01/2024	Sampling duration		--
Start Date of Analysis		23/01/2024	End Date of Analysis		29/01/2024
Sampling Location		--	Sampling Procedure		APHA 1060
Sampling done by		EFEL	Sample Quantity		2 L
Results					
Sr. No.	Parameters	Results	Unit(s)	MPCB Limit	Methods
1	pH	7.46	--	5.5-9.0	APHA 4500 H+ A, 23 <sup>rd</sup> Ed. 2017
2	Total Suspended Solids (TSS)	56.0	mg/L	100	APHA 2540 D, 23 <sup>rd</sup> Ed. 2017
3	Total Dissolved Solids (TDS)	1568.0	mg/L	2100	APHA 2540 C, 23 <sup>rd</sup> Ed. 2017
4	Biochemical Oxygen Demand (BOD) at 27°C for 3 days	32.0	mg/L	100	IS 3025 (Part 44)
5	Chemical Oxygen Demand (COD)	112.0	mg/L	250	IS 3025 (Part 58)
6	Oil & Grease	<5.0	mg/L	10	APHA 5520 B, 23 <sup>rd</sup> Ed. 2017
7	Chloride (as Cl)	136.9	mg/L	600	APHA 4500 Cl, 23 <sup>rd</sup> Ed. 2017
8	Sulphate (as SO <sub>4</sub> )	76.7	mg/L	1000	IS 3025 (Part 24)
Remark-All Parameters are within MPCB Limits.					



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Mr. Mahesh Shelar  
(Managing Director)

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ANALYSIS REPORT			
Report No:	EFEL/PRO/2024/01/542	Issue Date	29/01/2024
Name and Address of Customer	M/s. Sadguru Sri Sri Sakhar Karkana Ltd. 231/232, Rajewadi Atpadi Sangli.		
Sample Name	Compost Sample	Sample Description	Bio-Compost
Date of Sampling	22/01/2024	Sampling duration	--
Start Date of Analysis	23/01/2024	End Date of Analysis	29/01/2024
Sampling Location	----	Sampling Procedure	APHA 1060
Sampling done by	EFEL	Sample Quantity	1Ltr
Results			
Sr. No.	Parameters	Results	Unit(s)
1	pH	7.61	--
2	Moisture	16.0	% by Weight
3	Total Organic Carbon	5.84	% by Weight
4	Total Nitrogen as N	3.64	% by Weight
5	Arsenic(mg/kg)	0.32	mg/lit
6	Nickel (mg/kg)	3.54	mg/lit
7	Zinc (mg/kg)	0.38	mg/lit



  
Authorized Signatory  
Mr. Mahesh Shelar  
(Managing Director)