

JAWAHAR SHETKARI SAHAKARI SAKHAR KARKHANA LTD., HUPARI

Shri Kallappa Anna Awadenagar, Hupari-Yalgud 416 203, Tal.: Hatkanangale, Dist.: Kolhapur (Maharashtra)
Phone (0230) 2450402 (5 Lines), Fax (0230) 2450401, E-mail : kprjsssk@gmail.com

Ref. No. MFG/ ETP/ 7791 / 2021

Date – 23 /11/2021.

To,
The Regional Officer,
MoEFCC; Western Region (WCZ),
Ground Floor, East Wing,
New Secretariat Building,
Civil Lines,
Nagpur – 440001

Sub. : Submission of Six Monthly Environment Compliance report for period April 2021 to September 2021 w.r.t Sugar Unit of 16,000 TCD – M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd., Hupari, Shri Kallappa Anna Awadenagar, Hupari-Yalgud, Tal.: Hatkanangale, Dist.: Kolhapur, Maharashtra State.

Ref. : Environmental Clearance (EC) granted by MoEFCC vide. Letter F.No.IA-J-11011/146/2020-IA II (I) Dated 1st December, 2020.

Dear Sir,

This has reference to Environmental Clearance (EC) granted to our Sugar Unit of 16000 TCD – M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd., Hupari Shri Kallappa Anna Awadenagar, Hupari-Yalgud, Tal.: Hatkanangale, Dist.: Kolhapur (Maharashtra State).

As per General Condition No. 12 in EC letter, we are submitting a six monthly compliance report for a period of April 2021 to September 2021.

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

Thanking you,

Your's faithfully
For Jawahar S.S.S.K. Ltd.Hupari



(M.G. Joshi)
Managing Director

Encl.- As above

Copy for information to:-

1. Zonal Office
Scientist 'E' Incharge,
Central Pollution Control Board,
4th, Floor , Sakhar Bhavan,
North T.T Nagar,
Bhopal- 462003.
Email – cpcb.bhopal@gov.in

2. Member Secretary,
Maharashtra Pollution Control Board,
Kalpataru Point, 3rd & 4th Floor,
Opp.Cine Planet,
Near Sion Circle, Sion (E),
Mumbai (Maharashtra) - 400 022.
Email – mpcbmbombai@mpcb.gov.in

3. Regional Officer,
Maharashtra Pollution Control Board,
Udyog Bhavan Building,
Naer Collector Office,
Kolhapur- 416 002.
Email – rokolhapur@mpcb.gov.com

SIX MONTHLY COMPLIANCE REPORT
(PERIOD APRIL 2021- SEPTEMBER 2021)

FOR
EXPANSION OF SUGAR FACTORY FROM
12000 TCD TO 16000 TCD

By



JAWAHAR SHETAKARI S.S.K. LTD. (JSSSKL)

**AT: Hupari, Yalgud SURVEY. NO.: 315/7 to 315/15, TAL.:
HATKANANGALE, DIST.: KOLHAPUR, MAHARASHTRA**

**Point wise Compliance towards
Conditions in Environment
Clearance Letter**

Brief Summary of the Project

- 1 Name of Project : **M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd., (JSSSKL),**
2. Clearance Letter No. & date : F.No.IA-J-11011/146/2020-IA II (I) Dated 1st December, 2020.
3. Location: District & State/UT : Dist.: Kolhapur. State: Maharashtra.
4. Address for Correspondence : Shri Kallappanna Awadenagar, Hupari Yalgud, Tal.: Hatkanangale, Dist.: Kolhapur, Maharashtra 416 203.
5. Six Monthly Compliance for Period : April 2021 to September 2021

Six monthly (Period April 2021 to September 2021) Compliance report for Sugar Unit of Capacity 16000 TCD by M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd. (JSSSKL), Shri Kallappanna Awadenagar, Hupari-Yalgud, Tal. Hatkanangale, Dist.: Kolhapur, Maharashtra 416203.

M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd. Hupari (JSSSKL) is an integrated Project Complex of Sugar (12,000 TCD) & Co-gen (28.5 MW) located at Kallappanna Awadenagar, Hupari-Yalgud, Tal.:Hatkanangale, Dist.: Kolhapur, Maharashtra State. JSSSKL was established in 1990 under. The Maharashtra Co-operative Society Act1960.Sugar factory is registered with Govt. Of Maharashtra, Vide Certificate No.KPR/HLE/PRG (A)/30(S)/29-JAN-1990. In addition, it has been registered as Multi-StateCo-operative Society Vide registration no. MSCS/CR-51/30-DEC-1994. First crushingseason of Sugar Factory was undertaken in the year 1993-94. Environmental Clearance (EC)was Granted to 7,500 TCD Sugar and 28.5 Co-gen by Maharashtra Government vide letterno. ENV (NOC) 2005/159/CR224/TC-II, dated 27thAugust 2007. There after JSSSKLPlanned to go for Expansion of Sugar Factory 7,500 TCD to 12,000 TCD for whichEnvironmental Clearance (EC) was procured vide letter No.J-11011/38/2016-IA-II (I) Dated 20thDecember, 2016.There after JSSSKL Planned to go for Expansion of Sugar Factory 12,000 TCD to 16,000 TCD for which Environmental Clearance (EC) was procured vide letter No.F.No.IA-J-11011/146/2020-IA II (I) Dated 1st December, 2020.Environment clearance is Enclosed at **Enclosure-I**.

Compliance of Specific and General Conditions mentioned in Environmental Clearance (EC) letter F.No.IA-J-11011/146/2020-IA II (I) dated 01.12.2020 for period from **April 2021 to September 2021** presented as follows-

No	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
A	SPECIFIC CONDITIONS	
1.	Condition No.1 The company shall comply with all the Environmental protection measures and	Compliance strictly followed. The Company is complying with all the environmental

No	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated																														
	<p>safeguards proposed in the documents submitted to the ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.</p>	<p>protection measures and safeguards and implement all the recommendations made in EIA/EMP. Details are given in table below:</p> <table border="1" data-bbox="852 449 1442 1045"> <thead> <tr> <th data-bbox="852 449 938 600" rowspan="2">No.</th> <th data-bbox="938 449 1166 600" rowspan="2">Description</th> <th colspan="2" data-bbox="1166 449 1442 522">Cost (Rs. Lakhs) till date</th> </tr> <tr> <th data-bbox="1166 522 1312 600">Capital Cost</th> <th data-bbox="1312 522 1442 600">Annual O & M</th> </tr> </thead> <tbody> <tr> <td data-bbox="852 600 938 674">1</td> <td data-bbox="938 600 1166 674">ETP and ETP Up-gradation</td> <td data-bbox="1166 600 1312 674">512.62</td> <td data-bbox="1312 600 1442 674">14.22</td> </tr> <tr> <td data-bbox="852 674 938 747">2</td> <td data-bbox="938 674 1166 747">APC equipment</td> <td data-bbox="1166 674 1312 747">1103.58</td> <td data-bbox="1312 674 1442 747">2.24</td> </tr> <tr> <td data-bbox="852 747 938 821">3</td> <td data-bbox="938 747 1166 821">Environment Monitoring</td> <td data-bbox="1166 747 1312 821">31.15</td> <td data-bbox="1312 747 1442 821">00.00</td> </tr> <tr> <td data-bbox="852 821 938 894">2</td> <td data-bbox="938 821 1166 894">Installation of STP</td> <td data-bbox="1166 821 1312 894">25.0</td> <td data-bbox="1312 821 1442 894">0.0</td> </tr> <tr> <td data-bbox="852 894 938 968">4</td> <td data-bbox="938 894 1166 968">Green Belt Plan</td> <td data-bbox="1166 894 1312 968">6.10</td> <td data-bbox="1312 894 1442 968">9.28</td> </tr> <tr> <td colspan="2" data-bbox="852 968 1166 1045" style="text-align: right;">Total</td> <td data-bbox="1166 968 1312 1045">Rs. 1678.45</td> <td data-bbox="1312 968 1442 1045">Rs. 25.74</td> </tr> </tbody> </table>	No.	Description	Cost (Rs. Lakhs) till date		Capital Cost	Annual O & M	1	ETP and ETP Up-gradation	512.62	14.22	2	APC equipment	1103.58	2.24	3	Environment Monitoring	31.15	00.00	2	Installation of STP	25.0	0.0	4	Green Belt Plan	6.10	9.28	Total		Rs. 1678.45	Rs. 25.74
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2.	<p>Condition No.2 As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. Treated effluent shall be reused in the process/utilities. Treated industrial effluent shall not be used for gardening development/horticulture and not to send outside/used for farming.</p>	<p>Total effluent generated from sugar factory and co-gen plant shall be 1430 M/D which will be forwarded to the existing sugar factory ETP. Treated effluent used for gardening and development of green belt in own premises as well as for irrigation purpose outside the JSSSKL premises. No effluent will be discharged outside the Industry premises. Our Industry is in process for achieving ZLD. Photographs of upgraded ETP plant is enclosed are Annexure I</p>																														
3.	<p>Condition No.3 As proposed, Total fresh water requirement shall be 328 cum/day, proposed to be met from Dudhganga River. Prior permission shall be obtained from the concerned regulatory authority in this regard, and renewed from time to time.</p>	<p>Total fresh water requirement is 328 cum/day. The same to be taken from Dudhganga river for which permission has already been procured from irrigation department dated 04.05.2018 valid upto 30.04.2024. Copy water lifting permission from irrigation department is enclosed at Annexure II</p>																														

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4.	<p>Condition No.4 Occupational health center for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers and employees shall be provided with required safety kits/mask for personal protection.</p>	<p>The company has its own well equipped ambulance and appointed three permanent drivers to provide 24 hours ambulance service to all employees. All employees have been provided with sanitation facility in the premises of the industry. A doctor has been appointed to industry site on daily basis to provide healthcare facility to employees. Also necessary healthcare facilities are being provided with routine health survey tests & through medical camps. Latest health checkup report dated 02.09.2021. A sample copy of latest health check-up report is attached at Annexure III.</p>
5.	<p>Condition No.5 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.</p>	<p>Industry is following the safety measures during manufacturing process in material handling. Firefighting arrangements have been provided on site as per Factories' Act. Regular firefighting mock drills are conducted to train workers for fire hazards. Latest mock drill carried out dated 15.06.2021. Photographs of Firefighting system and Mock drill is enclosed at Annexure IV.</p>
6.	<p>Condition No.6 Process organic residue and spent carbon, if any shall be sent to Cement/other suitable industries for its incinerations/management.</p>	<p>This condition is Not Applicable. As a industry agro based company. The solid in process generate only as ETP sludge 90 MT/M which is used as manure. Boiler Ash generated 900 MT/M which Given to Farmers for use as manure.</p>
7.	<p>Condition No.7 Project Proponent shall reduce the quantity of effluents generation in the unit and PP shall install the effective wastewater treatment system so that Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. Adequate system shall</p>	<p>Total effluent generated from sugar factory and co-gen plant shall be 1430 M³/Day which forwarded to the existing sugar factory ETP. Treated effluent is used for gardening and development of green belt in own premises. No effluent will be discharged outside the Industry premises. Our Industry is in process</p>

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	be in place for controlling the odour and mitigation measures to protect the contamination of ground/surface water.	for achieving ZLD. Photographs of upgraded ETP plant is enclosed are Annexure I . Measures adopted under existing unit for controlling the same are proper housekeeping, sludge management in biological ETP units, steaming of major pipe lines, regular use of bleaching powder in the drains, efficient handling. Proper treatment of effluent and reuse for Green belt.
8.	<p>Condition No.8</p> <p>The company shall undertake waste minimization measures as below:-</p> <p>(a) Metering and control of quantities of active ingredients to minimize waste.</p> <p>(b) Reuse of by-product from the process as raw materials substitutes in order processes.</p> <p>(c) Use of automated filling to minimize spillage.</p> <p>(d) Use of Close Feed system into batch reactors.</p> <p>(e) Venting equipment through vapor recovery system.</p> <p>(f) Use of high pressures hoses for equipment clearing to reduce wastewater generation.</p>	<p>Compliance is being followed. Due waste minimization techniques & resources' conservation are adopted in the industry.</p> <ul style="list-style-type: none"> • Bagasse and Molasses are the waste products of sugar plant, and are being used as raw materials for co-gen plant and distillery respectively. • Automated filling to minimize spillage system is followed. • Precautionary measures are taken to optimum utilization of raw material against production as per the material balance.
9.	<p>Condition No.9</p> <p>The green belt of at least 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map.</p>	<p>Total 62,279 Nos. of trees have been planted in the factory premises. Out of the total plot of 246 Acres (99.55 Ha.), 83.20 Acres (34.00 Ha.) area comes under Greenbelt. This comes to about 34% of total plot area. Details and Photographs of Green belt is enclosed at Annexure-V.</p>
10.	<p>Condition No.10</p> <p>As per the Ministry's OM dated 30.09.2020 superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the project proponent to address the public hearing and socio-economic</p>	<p>Industry will implement the Corporate Environmental Responsibility as per the action plan proposed in EIA and approved by MoEFCC.</p> <p>The public hearing was conducted as per EIA notification of MoEF government of India</p>

No	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
	<p>issues in the study area, the project proponent, as committed, shall provide support of clean & safe drinking water supply, non-conventional energy promotion, supply of MSW management infrastructure, medical & healthcare facilities in the nearby villages. The action plan shall be complete within five years as proposed. All the commitments made during public hearing shall be satisfactorily implemented.</p>	<p>2006 and amendment notification. During public hearing meeting conducted w.r.t. expansion sugar factory. All issues raised during Public Hearing or consultation are satisfactorily implemented by industry. Public hearing Minutes of meeting and compliance report is enclosed at Annexure VI.</p>
11.	<p>Condition No.11 The project proponent shall ensure rain water harvesting system in the project area and reduce dependency on fresh water from the river.</p>	<p>Rain water harvesting plan is being implemented on site. Thereunder, roof top area is available on site (71419.00 M²) water is being harvested and is utilized for domestic purpose and gardening.</p>
12.	<p>Condition No.12 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.</p>	<p>Dedicated parking facility has been provided at the factory site. Including this, good traffic management is also being implemented to prevent traffic congestion.</p>
13.	<p>Condition No.13 Storage of raw material shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.</p>	<p>Cane yard is provided for sugar cane and other storage yard provided at site. proper working of pollution control equipment, proper handling; storage and disposal of dust collected, use of PPEs for staff and workers, augmentation of existing green belt, water sprinkling with adequate density and type; to control and attenuate dust transfer in the premises, provision of properly surfaced internal roads and work premises (tarred and concrete).</p>
14	<p>Condition No.14 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</p>	<p>ESPs as APC are provided followed by stack height of 75M (common for 90 TPH and 20 TPH) & 72M for 75 TPH boiler to control particulate matter and Gaseous pollutants. Also, online monitoring system is installed at stack.</p>

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	effluent, the unit shall install web camera with night vision capability and flow meters in the channel / drain carrying effluent within the premises.	OCMS for ETP is also installed in the Industry. Moreover, all the results (Real Time) are displayed continuously on a "Electronic Digital Board" provided at the Main Entrance Gate of the Sugar Factory. Photographs of OCMS provided at our sugar factory is enclosed at Annexure VII
15	<p>Condition No.15</p> <p>A separate Environmental Management cell (having qualified person with Environmental Science/Environmental Engineering/ specialization I n the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.</p>	The industry has an Environmental Management Cell (EMC) functioning. Members of the EMC are well qualified and experienced in their concerned fields. A separate Environment Management cell of 15 Persons is already established. Structure of EMC is enclosed at Annexure VIII
B	GENERAL CONDITIONS	
16.	<p>Condition No. 1</p> <p>No further expansion or modifications in the plant , other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change/SEIAA as applicable. 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.</p>	Compliance strictly will be followed. No expansion or modifications in the plant shall be carried out without prior approval of Ministry of Environment, Forests and Climate Change (MoEFCC)/Department of Environment, Govt. of Maharashtra.
17.	<p>Condition No. 2</p> <p>The energy source for lighting purpose shall be preferably LED based, or advance having preference in energy conservation and environment betterment.</p>	Industry is using LED based lighting for energy conservation and environment betterment.
18.	<p>Condition No.3</p> <p>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 is installed in the upwind</p>	The monitoring station locations are decided as per wind rose pattern and as per norms. Ambient Air Quality Monitoring Stations should be set up in the down wind direction and upwind direction as well as where

No	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
	and downwind direction as well as where maximum ground level concentrations are anticipated.	maximum ground level concentration of SPM, SO ₂ , and NO _x , are anticipated in consultation with the State Pollution Control Board. Ambient air quality monitoring is routinely done by the Industry under self-monitoring practices. Monitoring reports is enclosed at Annexure -IX .
19.	Condition No. 4 The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16 th November 2009 shall be followed.	
20.	Condition No. 5 The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Compliance strictly being followed. No major noise generating source exists in the Sugar Unit. Also, workers are provided with PPE. Overall noise levels in and around the plant area are maintained within the standards prescribed under Environment (Protection) Act, 1986, 1989 Rules. Monitoring reports are enclosed at Annexure IX .
21.	Condition No. 6 The Company shall harvest rainwater from the rooftops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	Rain water harvesting plan is being implemented on site. Thereunder, roof top area is available on site (71419.00 M ²) water is being harvested and is utilized for domestic purpose and gardening.
22.	Condition No.7 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.	Training sessions/workshops for employees on safety and health aspects are organized from time to time. Also, periodical medical examination for all employees is arranged on regular basis. Onsite record of the same is maintained. Latest health checkup report dated 02.09.2021 . A sample copy of latest health check-up report is attached at Annexure III
23.	Condition No. 8 The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR	Industry is actively involved in eco-developmental measures of the region through contributions and donations through

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	activities shall be undertaken by involving local villages and administration.	CSR activities. Photographs of CSR activity is enclosed at Annexure –X .																											
24.	<p>Condition No. 9 The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.</p>	<table border="1"> <thead> <tr> <th data-bbox="849 373 932 447">Sr. No.</th> <th data-bbox="932 373 1247 447">CSR Activities</th> <th data-bbox="1247 373 1442 447">Amount</th> </tr> </thead> <tbody> <tr> <td data-bbox="849 447 932 520">1.</td> <td data-bbox="932 447 1247 520">Sports promotion funding</td> <td data-bbox="1247 447 1442 520">Rs. 1.73 Lakhs</td> </tr> <tr> <td data-bbox="849 520 932 594">2.</td> <td data-bbox="932 520 1247 594">Funding for Social Activities</td> <td data-bbox="1247 520 1442 594">Rs. 33.16 Lakhs</td> </tr> <tr> <td data-bbox="849 594 932 667">3.</td> <td data-bbox="932 594 1247 667">Medical Aid</td> <td data-bbox="1247 594 1442 667">Rs. 12.85 Lakhs</td> </tr> <tr> <td data-bbox="849 667 932 741">4.</td> <td data-bbox="932 667 1247 741">Drip Irrigation Subsidy</td> <td data-bbox="1247 667 1442 741">Rs. 6.79 Lakhs</td> </tr> <tr> <td data-bbox="849 741 932 814">5.</td> <td data-bbox="932 741 1247 814">Funding for Education</td> <td data-bbox="1247 741 1442 814">Rs. 0.30 Lakhs</td> </tr> <tr> <td data-bbox="849 814 932 888">6.</td> <td data-bbox="932 814 1247 888">Funding for Cultural Programme</td> <td data-bbox="1247 814 1442 888">Rs. 0.00 Lakhs</td> </tr> <tr> <td data-bbox="849 888 932 961">7.</td> <td data-bbox="932 888 1247 961">Provision of Drinking Water Facility</td> <td data-bbox="1247 888 1442 961">Rs. 00 Lakhs</td> </tr> <tr> <td data-bbox="849 961 932 1035"></td> <td data-bbox="932 961 1247 1035" style="text-align: center;">Total</td> <td data-bbox="1247 961 1442 1035">Rs. 54.83 Lakhs</td> </tr> </tbody> </table>	Sr. No.	CSR Activities	Amount	1.	Sports promotion funding	Rs. 1.73 Lakhs	2.	Funding for Social Activities	Rs. 33.16 Lakhs	3.	Medical Aid	Rs. 12.85 Lakhs	4.	Drip Irrigation Subsidy	Rs. 6.79 Lakhs	5.	Funding for Education	Rs. 0.30 Lakhs	6.	Funding for Cultural Programme	Rs. 0.00 Lakhs	7.	Provision of Drinking Water Facility	Rs. 00 Lakhs		Total	Rs. 54.83 Lakhs
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25.	<p>Condition No. 10 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>	<p>Compliance strictly followed. The Company is complying with all the environmental protection measures and safeguards and implement all the recommendations made in EIA/EMP.</p> <p>Details are given in table below:</p> <table border="1"> <thead> <tr> <th data-bbox="849 1367 932 1440" rowspan="2">No.</th> <th data-bbox="932 1367 1166 1440" rowspan="2">Description</th> <th colspan="2" data-bbox="1166 1367 1442 1440">Cost (Rs. Lakhs) till date</th> </tr> <tr> <th data-bbox="1166 1440 1312 1514">Capital Cost</th> <th data-bbox="1312 1440 1442 1514">Annual O & M</th> </tr> </thead> <tbody> <tr> <td data-bbox="849 1514 932 1587">1</td> <td data-bbox="932 1514 1166 1587">ETP and ETP Up-gradation</td> <td data-bbox="1166 1514 1312 1587">512.62</td> <td data-bbox="1312 1514 1442 1587">14.22</td> </tr> <tr> <td data-bbox="849 1587 932 1661">2</td> <td data-bbox="932 1587 1166 1661">APC equipment</td> <td data-bbox="1166 1587 1312 1661">1103.58</td> <td data-bbox="1312 1587 1442 1661">2.24</td> </tr> <tr> <td data-bbox="849 1661 932 1734">3</td> <td data-bbox="932 1661 1166 1734">Environment Monitoring</td> <td data-bbox="1166 1661 1312 1734">31.15</td> <td data-bbox="1312 1661 1442 1734">00.00</td> </tr> <tr> <td data-bbox="849 1734 932 1808">2</td> <td data-bbox="932 1734 1166 1808">Installation of STP</td> <td data-bbox="1166 1734 1312 1808">25.0</td> <td data-bbox="1312 1734 1442 1808">0.0</td> </tr> <tr> <td data-bbox="849 1808 932 1881">4</td> <td data-bbox="932 1808 1166 1881">Green Belt Plan</td> <td data-bbox="1166 1808 1312 1881">6.10</td> <td data-bbox="1312 1808 1442 1881">9.28</td> </tr> </tbody> </table>	No.	Description	Cost (Rs. Lakhs) till date		Capital Cost	Annual O & M	1	ETP and ETP Up-gradation	512.62	14.22	2	APC equipment	1103.58	2.24	3	Environment Monitoring	31.15	00.00	2	Installation of STP	25.0	0.0	4	Green Belt Plan	6.10	9.28	
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		Total	Rs.	Rs.
			1678.45	25.74
26.	<p>Condition No. 11 A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZillaParishad/Municipal Corporation. Urban local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.</p>	<p>The condition is complied. Copy of Environment Clearance Letter sent to Mouje Rendal Taluka - Hatkalangale dated 05.12.2020 Panchayat Copy acknowledgement of local body w.r.t. EC granted is enclosed in Annexure XI</p>		
27.	<p>Condition No. 12 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.</p>	<p>Regular Six Monthly Compliance Reports have been submitted under existing unit and copies of same are also displayed on company website The following is the link company's website http://www.jawaharsugar.com/. Acknowledgement copy of Six Monthly Compliance Reports w.r.t. EC granted is enclosed in Annexure XII.</p>		
28.	<p>Condition No. 13 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.</p>	<p>The environmental statement for each financial year ending 31st March in Form-V will be submitted to State Pollution Control Board as prescribed under the Environment (Protection) Rules 1986, and amended subsequently. The company will also put the status of compliance of environmental clearance conditions on its website and forward it to the Regional Offices of MoEFCC.</p>		
29.	<p>Condition No.14 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</p>	<p>As per EIA notification within 7 days from the date of issues of the clearance letter, at least in the two local newspapers. The Environmental Clearance was granted on date</p>		

No	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
	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.	1 st December, 2020. Therefore, an advertisement of accord of EC to our 16000 TCD Sugar Capacity has been published in two local newspapers one is local language (Tarun Bharat) and English newspaper (The Time of India) is on 05.12.2020. Advertisement copy is enclosed at Annexure XIV
30.	Condition No.15 The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Date of financial closure in connection with the Industrial Project is 31 st March.
31.	Condition No. 16 This Environmental clearance is granted subject to final outcome of Hon'ble Supreme court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Noted

Enclosure I
Copy of Environmental Clearance
Letter



F.No.IA-J-11011/146/2020- IA II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

By Speed Post/Online

Indira ParyavaranBhavan,
Vayu Wing, 3rd Floor, Aliganj,
JorBagh Road, New Delhi-110 003

Dated: 1st December, 2020

To

M/s JawaharShetakari SSKL
A/PHupari, Taluka Hatkanangale
District Kolhapur, **Maharashtra** -416203

Email: kprjsssk@gmail.com

Sub: Expansion of Sugar factory from 12,000 TCD to 16,000 TCD at Survey No. 315/7 to 315/15, A/PHupari, Taluka Hatkanangale, District Kolhapur, Maharashtra by M/s Jawahar Shetakari SSK Ltd (JSSSKL)-Environmental Clearance - reg.

Sir,

This has reference to your proposal No.IA/MH/IND2/38479/2014 dated 19th June 2020, submitting the EIA/EMP report on the above subject matter.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the project for Expansion of Sugar factory from 12,000 TCD to 16,000 TCD by M/s Jawahar Shetakari Sahkari Sakhar Karkhana Ltd (JSSSKL) in an area of 99.57 ha located at Survey No. 315/7 to 315/15, A/P Hupari, Taluka Hatkanangale, District Kolhapur, Maharashtra.

3. The details of products and capacity as under:

Product & By-product	Quantity		
	Existing (12,000 TCD)	Expansion (4,000 TCD)	Total (16,000 TCD)
White Sugar (14.45%)	52,050	17,340	69,390
By-product			
Molasses (4%)	14,400	4,800	19,200
Bagasse (29.30%)	1,05,500	35,160	1,40,660
Press mud (4%)	14,400	4,800	19,200

4. The existing land area is 99.57 ha and the existing builtup is 23.78 ha. No additional land is required for proposed expansion. Industry has already developed greenbelt in an area of 34.39 ha and additional 4.97 ha will be developed. After expansion, the total greenbelt would be 39.37 ha which accounts for 40 % of total plot area. The estimated project cost is Rs.332.6 crores including existing investment of Rs. 298.6 crores. Total capital cost earmarked towards environmental pollution control measures under expansion is Rs. 1.10 Crores and the recurring cost (operation and maintenance) will be about Rs. 0.12 crores per annum. The project will provide employment for 1382 persons directly and indirectly after

expansion of projects. Industry proposes to allocate Rs. 5 crores towards Corporate Environmental Responsibility (CER).

5. There are no National Parks, Wildlife Sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km from the project site. Dudhganga and Panchganga rivers flows at a distance of 4 Km in South and North direction respectively.

6. Total water requirement for sugar factory after expansion will be 5244 cum/day, which includes fresh water requirement of 328 cum/day proposed to be met from the Dudhganga river, while 4916 cum/day will be recycled cane condensate, ETP treated effluent and STP treated effluent. Permission has been obtained for lifting fresh water from the Dudhganga river by Irrigation Department Kolhapur, Govt. of Maharashtra.

Effluent of 1430 cum/day after expansion of sugar factory operations will be treated in existing ETP in the JSSSKL premises which shall be duly upgraded. As per CREP norms, 15 days storage capacity tank for treated water shall be provided on site.

Power requirement to the tune of 17 MW after expansion will be met from own Co-gen Plant. Existing unit has two DG set of capacity 515 KVA & 1320 KVA, used as standby during turbine tripping. Stack of height 6 m ARL is provided as per CPCB norms to the DG sets. Existing sugar factory unit has 20 TPH, 90 TPH & 75 TPH bagasse fired boilers. No new boiler will be installed under expansion of Sugar Factory. There are no sources of process emissions from Sugar Factory. No Hazardous Waste will be generated under expansion of Sugar Factory.

7. The project/activities are covered under category B of item 5 (j) 'Sugar Industry' of the Schedule to the Environment Impact Assessment Notification, 2006. Due to applicability of general condition (interstate boundary within 5 km), the project requires appraisal at central level by sectoral Expert Appraisal Committee (EAC) in the Ministry.

8. The Standard terms of reference (ToR) has been issued by the Ministry vide letter No. J-11011/38/2016-IA-II (I) dated 30th March, 2019. Public hearing for the project was conducted by the State Pollution Control Board on 12th December, 2019, which was presided over by the District Magistrate. The major issues raised during public hearing are related to effluent generation & its disposal, air pollution and its management, benefits to farmers from proposed project, employment generation, working days of industry etc.

It was informed by the project proponent that a litigation pending against existing Sugar Factory under the E(P) Act 1986 and the EIA Notification 2006. A Court Case was filed by the MPCB for excess crushing happened during 2015-16 Season having court case No.R.C.C/181/18/2016. It was reported that the court case has not been concluded.

9. The Ministry has issued environmental clearance earlier vide letter No. J-11011/38/2016-IA-II (I), dated 20th December, 2016 for expansion of Sugar Factory capacity from 7,500 to 12,000 TCD and SEAC & SEIAA vide letter No.: ENV (NOC) 2005/159/CR224/TC-II dated 27.08.2007 for expansion of Sugar Factory from 5000 TCD to 7500 TCD and Cogeneration Plant from 24 to 28.5 MW to M/s Jawahar Shetkari Sakhar Karkhana Ltd. The Ministry's Regional Office at Nagpur vide letter dated 31st January, 2020 (after conducting site visit on 21st January, 2020) has forwarded the compliance status of the existing environmental clearance conditions.

10. The proposal was considered by the Expert Appraisal Committee (Industry-2) in its meetings held on 14-16 July, 2020 and **20-22 October, 2020** in the Ministry, wherein the project proponent and their accredited M/s Equinox Environments (I) Pvt Ltd presented the EIA/EMP report as per the ToR. The Committee found the EIA/EMP report complying with the ToR and recommended the project for grant of environmental clearance.

11. The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with EIA report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent.

The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

The Committee noted that the MPCB has filed court case against the project proponent for increasing the cane crushing without prior permission. It was noted that final decision on the matter has not been taken by the court. The project proponent has assured before the Committee that in future they shall not increase the production without taking prior permissions from the concerned authorities. The Committee has also noted that the project proponent has committed to reduce the fresh water requirement by properly utilizing the rain water harvesting. It was brought to the notice of the Committee that the project proponent has not reduced any fresh water, and the quantity remains the same i.e 328 cum/day earlier and now.

The Committee noted that the EIA/EMP report is in compliance of the ToR issued for the project, reflecting the present environmental concerns and the projected scenario for all the environmental components. The Committee has found the baseline data and incremental GLC due to the proposed project within NAAQ standards. The Committee has also deliberated on the public hearing issues, action plan along with activities for addressing the socio-economic issues and found to be addressing the issues in the study area. The Committee has found the additional information submitted by the project proponent to be satisfactory and addressing the issues raised by the Committee.

12. The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. It does not tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

13. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate change hereby accords environmental clearance to the project for **Expansion of Sugar factory from 12,000 TCD to 16,000 TCD by M/s Jawahar Shetakari SSK Ltd at Survey No. 315/7 to 315/15, A/PHupari, Taluka Hatkanangale, District Kolhapur, Maharashtra (JSSSKL)**, under the

provisions of the EIA Notification, 2006, subject to the compliance offers and conditions as under:-

- (i). 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, and risk mitigation measures relating to the project shall be implemented.
- (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. Treated effluent shall be reused in the process/utilities. Treated Industrial effluent shall not be used for gardening/greenbelt development/horticulture and not to send outside/used for farming.
- (iii). As proposed, total fresh water requirement shall be 328 cum/day, proposed to be met from Dudhganga river. Prior permission shall be obtained from the concerned regulatory authority in this regard, and renewed from time to time.
- (iv). Occupational health centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.
- (v). 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.
- (vi). Process organic residue and spent carbon, if any, shall be sent to Cement/other suitable industries for its incinerations/management.
- (vii). Project Proponent shall reduce the quantity of effluents generation in the unit and PP shall install the effective wastewater treatment system so that Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. Adequate system shall be in place for controlling the odour and mitigation measures to protect the contamination of ground/surface water.
- (viii). 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.
- (ix). The green belt of at least 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map.
- (x). As per the Ministry's OM dated 30.09.2020 superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the project proponent to address the public hearing and socio-economic issues in the study area, the project proponent, as committed, shall provide support for clean & safe drinking water supply, non-conventional energy promotion, supply of MSW management infrastructure, medical & healthcare facilities in the nearby villages. The action plan shall be completed within five years as proposed. All the commitments made during public hearing shall be satisfactorily implemented.

- (xi). The project proponent shall ensure rain water harvesting system in the project area and reduce dependency on fresh water from the river.
- (xii). 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.
- (xiii). Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- (xiv). 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.
- (xv). A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

13.1 The grant of environmental clearance is further subject to compliance of other general conditions as under:-

- (i) No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. 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/SEIAA to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- (ii) The energy source for lighting purpose shall be preferably LED based, or advance having preference in energy conservation and environment betterment.
- (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 station 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 16th November, 2009 shall be followed.
- (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 to utilize the same for process requirements.
- (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.

- (viii) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. The activities shall be undertaken by involving local villages and administration.
- (ix) The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- (x) 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.
- (xi) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
- (xii) 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.
- (xiii) 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.
- (xiv) 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 and at <https://parivesh.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.
- (xv) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
- (xvi) This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

14. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.


EC for M/s Jawahar Shetakari SSKL

15. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

16. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

17. The above conditions shall 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, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

18. This issues with approval of the competent authority.

01/12/2020
(Dr. R. B. Lal)

Scientist 'E'/Additional Director

Tele-fax: 011-24695362

Email-rb.lal@nic.in

(डा. आर. बी. लाल)

(Dr. R. B. LAL)

वैज्ञानिक 'ई'/Scientist 'E'

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Min. of Environment, Forest and Climate Change
भारत सरकार, नई दिल्ली
Govt. of India, New Delhi

Copy to: -

1. The Deputy DGF (C), MoEF&CC Regional Office(WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Line, Nagpur - 1
2. The Secretary, Environment Department, Government of Maharashtra, 15th Floor, New Administrative Building, Mantralaya, Mumbai - 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, 3rd and 4th Floor, Opp. Cine Planet, Sion Circle, Mumbai - 22
5. The District Collector, District Kolhapur, Maharashtra
6. Guard File/Monitoring File/Website/Record File/Parivesh portal

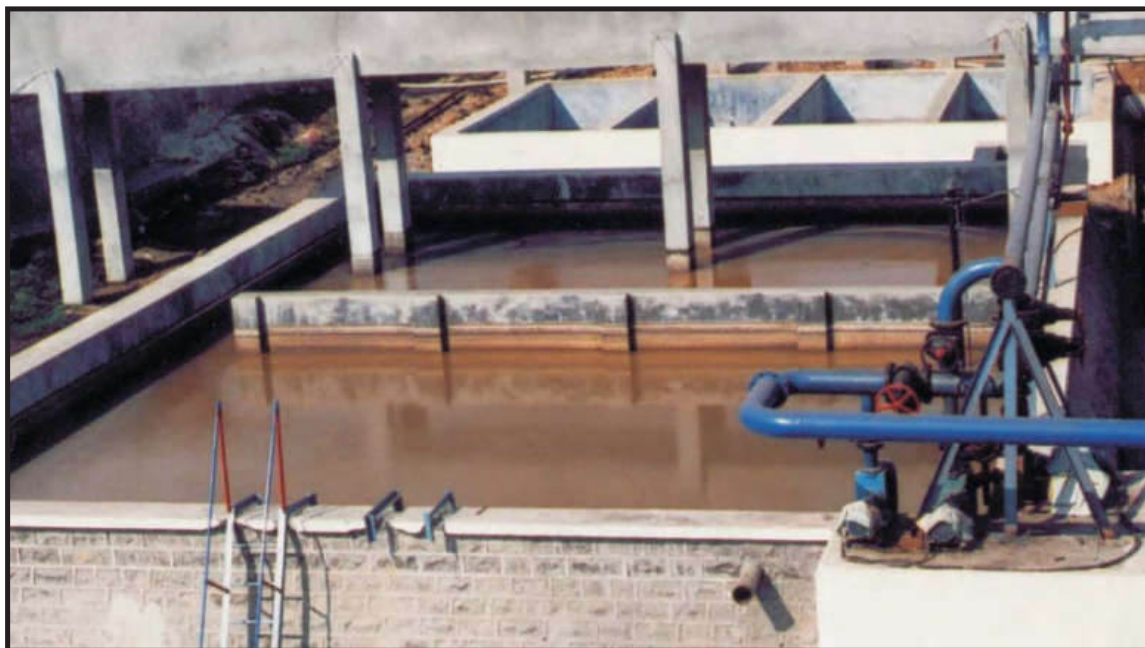
(Dr. R. B. Lal)

Scientist 'E'/Additional Director

Annexure I
Photographs of upgraded ETP plant



Two stage primary to remove oil & sludge and old equalization tank



New equalization tank and feeding system to old and new stream
20 M³/hr.+ 70 M³/hr.



New anaerobic counter current digester 70 M³/hr. and preareation tank outlet



Floating areator, sludge seperator & return sludge to digester & preareation tank



Floating aerator



New diffuse aeration tank



Old diffuse aeration tank



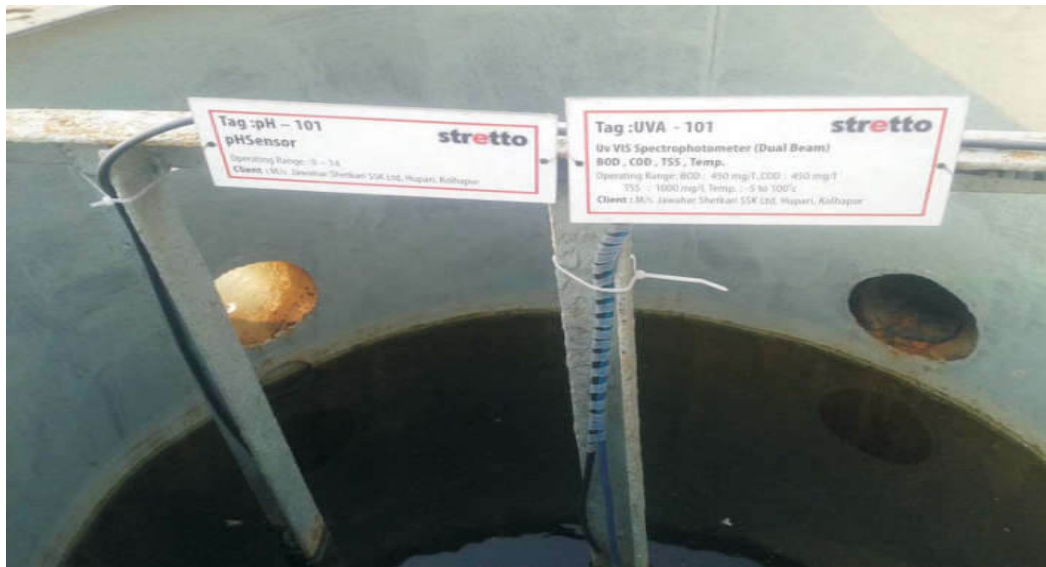
Secondary clarifier new stream



Secondary clarifier old stream



Tertiary system to streams 100 M³/hr. each
Power sand filter followed by plant based activated carbon &
polishing unit comprising high grade anthracite and activated carbon



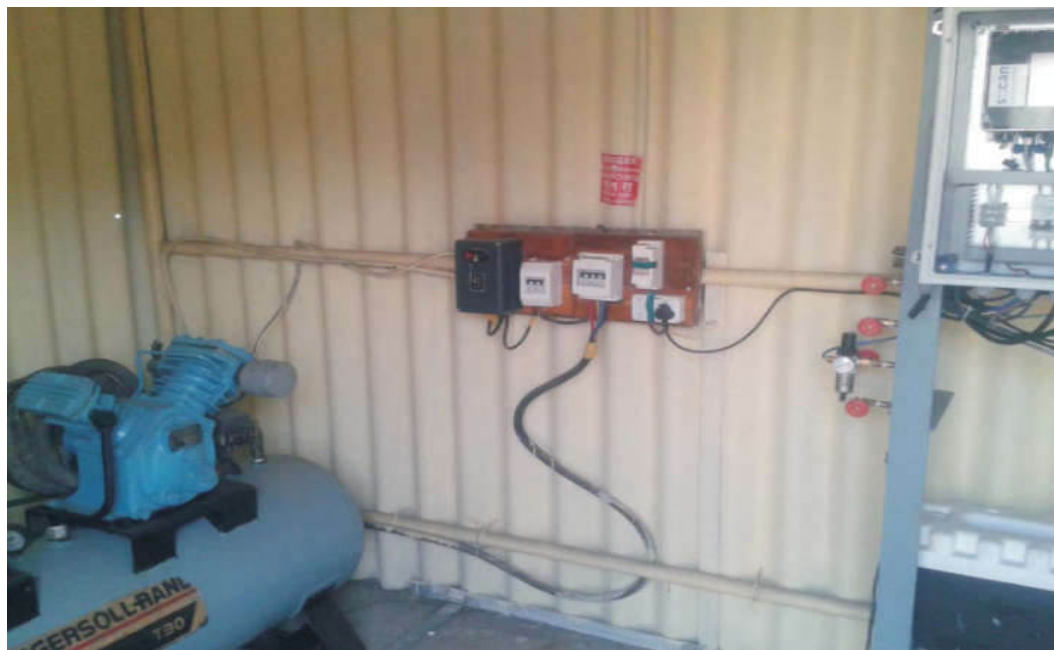
Sensor for outlet Treated Water -for parameter pH, T.S.S, C.O.D & BOD measurement.



Flow meter for outlet Treated Water



Treated Water outlet Tank



System for Treated Water Monitoring



Treated Water Outlet



Sludge Drying Bed



R.C.C. with Geomembrane paper lining laid for Lagoon No.1



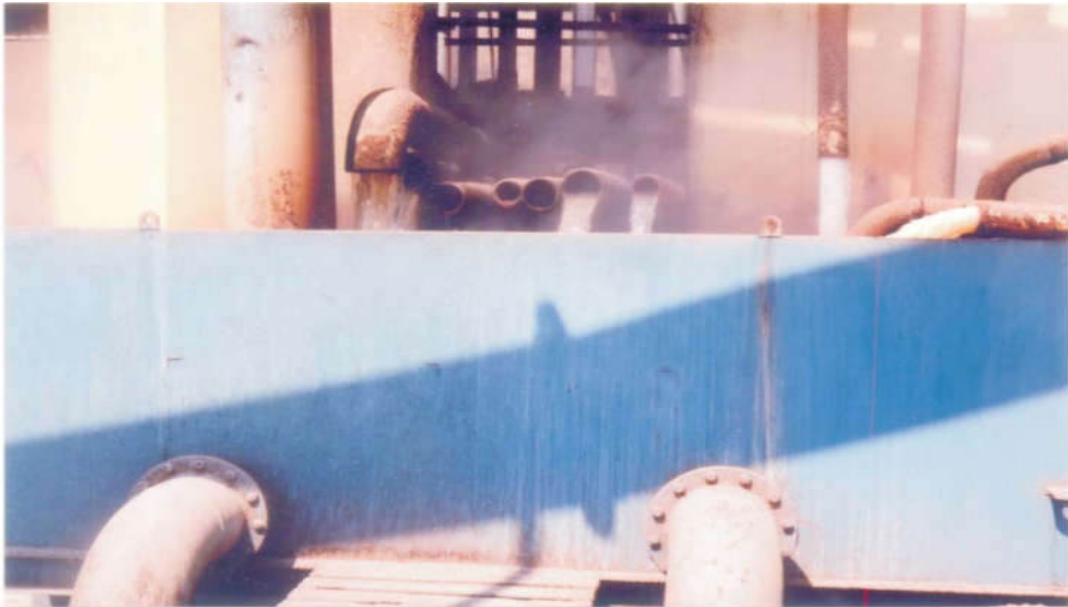
15 Days Storage Tank-1



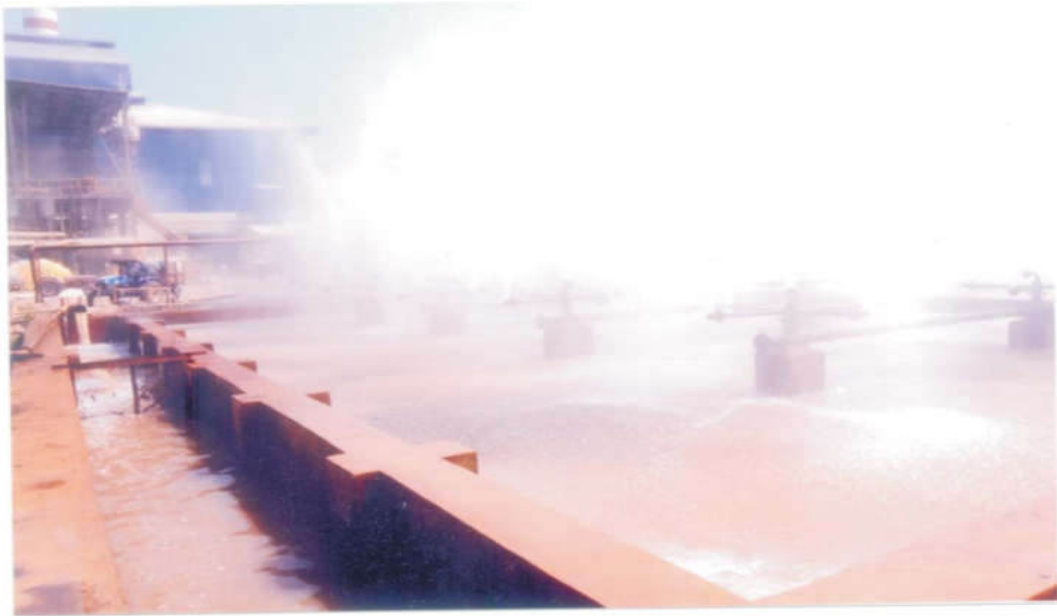
15 Days Storage Tank-2



Electric energy meter for E.T.P.



Mini spray-inlet sump (All excess vapour condensate & cooling water)



Mini spray pond
capacity 10200 M³/day water recycle
inlet temprature 58°C to 60°C outlet temprature 28 to 30°C

Annexure II
Copy water lifting permission

कोल्हापूर पाटबंधारे विभाग (उत्तर), कोल्हापूर.
सिंचन भवन, ताराबाई पार्क, कोल्हापूर-४१६००३.

दूरध्वनी क्रमांक (०२३१) २६५४७३६, फॅक्स क्र.(०२३१)२६५४७३५, ईमेल eekidkop@gmail.com

जा.क्र.कोपावि(उ)/प्रशा-३/(३७)/विगरसिंचन/४९४/सन २०१८,

दिनांक :- ०४/०५/२०१८

प्रति,

कार्यकारी संचालक

जवाहर शेतकरी सह साखर कारखाना लि हुपरी
ता हातकणंगले जि. कोल्हापूर

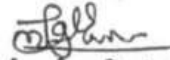
विषय :- बिगर सिंचन द्विर्षिय करारनामा मंजूरी बाबत
१/०५/२०१८ ते ३०/०४/२०२४

संदर्भ :- १) १) मा. मुख्य अभियंता (जस)जलसंपदा विभाग पुणे यांचे ज्ञापन पत्र जा
क्र मु अ (जस)/(२९६/२०१७)/प्रशा-७/५१८८ दि. ०७/१२/२०१७
२) पृष्ठांकन अधिक्षक अभियंता कोल्हापूर पाटबंधारे मंडळ कोल्हापूर को पा
म /प्रशा-१/७८९१/२०१७ दि २२/१२/२०१७

उपरोक्त संदर्भिय पत्र क्र. १ अन्वये आपणास ^{दुर्ध्वंगा} ~~वैद्य~~ प्रकल्पातून ^{दुर्ध्वंगा} ~~वैद्य~~ नदितून पिण्यासाठी
०.१२० दलघमी व औद्योगिक कारणासाठी ०.०४८ दलघमी असा एकूण ०.१६८० दलघमी इतका सुधारित पाणी
कोटा मंजूर असुन. आपण केलेल्या विनंती अर्जांनुसार आपला दि ०१/०५/२०१८ ते ३०/०४/२०२४ या कालावधीचा
करारनामा खालील अटींच्या अधिन राहूनमंजूर करणेत येत आहे.

- १) संदर्भिय पत्र क्र १ मधील सर्व अटी व शर्ती बंधनकारक रहातील.
- २) संदर्भिय पत्र क्र. १ अन्वये केलेली मागणी ही पुर्वी नियोजित असलेमुळे मंजूर परिमाण किंवा त्या
कालावधीचा प्रत्यक्ष पाणीवापर यापैकी जादा असणाऱ्या पाणी वापराची आकारणी करण्यात
येईल.
- ३) दि.०१/११/२०१७ ते ३१/१०/२०२३ या कालावधीसाठी रू. १००० च्या स्टॅम्प पेपरवर करारनामा
करणे बंधनकारक आहे.
- ४) ज्याठिकाणी योजनेचा पंप हाऊस आहे. त्या ठिकाणी इलेक्ट्रॉनिक मोजणी यंत्र बसविणे आवश्यक
असून, नोंदी ठेवण्यासाठी लॉगबुक ठेवणे आवश्यक आहे. तसेच संस्थेचा पाणीवापर पिण्यासाठी व
औद्योगिक वापर वेगवेगळा असेल तर त्यासाठी वेगवेगळी इलेक्ट्रॉनिक मोजणी यंत्र बसविणे
बंधनकारक असुन न बसविल्यास आकारणी औद्योगिक दराने करणेत येईल. यासर्व इलेक्ट्रॉनिक
मोजणी यंत्राची नोंद वही ठेवणे बंधनकारक आहे. यासर्व इलेक्ट्रॉनिक मोजणी यंत्राची दरवर्षी
कॅलिब्रेशन प्रमाणपत्र सादर करणे बंधन कारक आहे.
- ५) इलेक्ट्रॉनिक मोजणी यंत्र बसविणेची कार्यवाही न केलेस आपणास मुळ मंजूरीनुसार दिडपट दराने
आकारणी करण्यात येईल याची कृपया नोंद घ्यावी.
- ६) जलसंपदा विभाग शासन निर्णय क्र. पापव-२०१५/(प्रक्र ८८/२०१५)/सिव्य(महसूल)
दि. २१/०४/२०१६ अन्वये आपल्या संस्थेचे सांडपाणी विसर्जित करताना सांडपाण्याची गुणवत्ता
महाराष्ट्र प्रदूषण नियंत्रण मंडळाकडून दर महिन्याला तपासून प्रदूषण होत नसल्याबाबतचे
प्रमाणपत्र जलसंपदा विभागास देणे बंधनकारक राहिल.

- ७) जर महाराष्ट्र प्रदुषण नियंत्रण मंडळाच्या विहित प्रमाणकांची गुणवत्ता येईपर्यंत सांडपाण्यावर उचीत प्रक्रिया केली नसेल तर अशा प्रकरणी अनुज्ञेय दराच्या दुप्पट दराने आकारणी करणेत येईल. महाराष्ट्र प्रदुषण नियंत्रण मंडळाकडून स्वतंत्रपणे करण्यात येत असलेल्या कार्यवाही व्यतिरिक्त ही (दंडनीय) आकारणी असेल.
- ८) महाराष्ट्र प्रदुषण नियंत्रण मंडळाकडून त्यांच्या तपासणीत ज्या दिनांकास पाणी वापरकर्ता प्रदुषण कर्ता असल्याचे घोषित करणेत येईल त्या दिनांकापासून पूर्वलक्षी प्रभावाने प्रचलित अनुज्ञेय दराच्या दुप्पट दराने पाणीपट्टी वसुली आकारण्यात येईल. ही आकारणी महाराष्ट्र प्रदुषण नियंत्रण मंडळाकडून स्वतंत्रपणे करणेत येत असलेल्या कार्यवाही व्यतिरिक्त असेल.
- ९) महाराष्ट्र प्रदुषण नियंत्रण मंडळाने पाणी पुरवठा खंडीत करावयाचे आदेश काढल्यास त्यानुसार कार्यवाही करणेत येईल व सदर मंडळाने पाणी पुरवठा पुर्ववत करण्याचे आदेश काढल्यानंतर दंडनीय आकारणीसह सर्व वसुली भरुन घेतल्यानंतर पाणी पुरवठा पुर्ववत सुरु करण्यात येईल.
- १०) त्याचप्रमाणे शासनामार्फत बिगर सिंचन पाणी वापराबाबत वेळोवेळी निर्गमित होणारे शासन निर्णय व मुळ मंजूर परवान्यातील अटी आपल्यावर बंधनकारक राहतील याची कृपया नोंद घ्यावी.
- ११) आपल्या संस्थेस मंजूर करण्यात आलेल्या ०.१६८० दलघमी वापरापेक्षा $\pm 10\%$ पाणी वापर (अधिक / कमी) झाल्यास फरकाच्या वापरास दंडनीय दर लागू दराच्या दीडपटने आकारणी करणेत येईल याची नोंद घ्यावी.
- १२) शासन परिपत्रक क्र.२०१३/प्र क्र ३५७/२०१३)सिं व्य (महसुल) दि ३ जून २०१५ नुसार आपल्या संस्थेने प्रत्यक्ष केलेला घरगुती व वाणिजिक /औधोगिक तसेच कच्चा माल म्हणुन केलेल्या पाण्याचा वापर ,प्रक्रियेसाठी केलेल्या पाण्याचा वापर ई माहिती (दि १ एप्रिल ते ३१ मार्च दरवर्षी १५ मे पुर्वी जलसंपदा विभागास विहित प्रपत्रात सादर करणे बंधनकारक आहेसदर प्रत्यक्ष पाणी वापराची माहिती (प्रपत्र १ व प्रपत्र २)मध्ये उपलब्ध करुन न दिल्यासपाणी पट्टी आकारणी दंडणीय दराने करणेत येईल व सदर परिपत्रकातील सुचनेस अनुसरुन कार्यवाही करणेत येईल



उपकार्यकारी अभियंता,

कोल्हापूर पाटबंधारे विभाग(उत्तर),

कोल्हापूर.

स्थळ प्रत का.अ.यांनी मंजूर केली.

प्रत :- सहाय्यक अभियंता दुधगंगा पाटबंधारे उपविभाग निढोरी यांना माहितीसाठी याबाबतची कार्यवाही काटेकोरपणे करणेसाठी रवाना. याबाबतची कार्यवाही काटेकोरपणे करणेसाठी

प्रत :- सिंचन शाखा २ , विभागीय कार्यालय यांना माहितीसाठी व कार्यवाहीसाठी रवाना.

JAWAHAR SSSK LTD., HUPARI	
I/W No. 9204	Date 31/5/16
Sent to CE, CCR	Signature
chE/mfr/STP	5

Annexure III
**Sample copy of latest health check-up
report**

Form No 7 (Prescribed under Rule 18 (7))
HEALTH REGISTER

From: 03/09/2021 To 02/09/2022

Certifying Surgeon
DR. ARVIND MANE
MBBS DPH AFIH. (Mumbai)

Company Name : **JAWAHAR SHETKARI SAHAKARI KARKHANA LTD.**

Sr. No.	Emp. No.	Name	Age	Sex	Dept of employment of present work	Date of leaving or transfer to other wor	Reason for leaving Transfer of discharg	Nature of job or occupation	Raw material or bye product handled	Exam. Date	Result of Medical Examination	If suspended from work, state period of suspension with detailed reasons	Certified fit to resume duty on with signature of Certifying Surgeon	If Certificate of unfitness or suspension issued to worker	Signature with gate certifying surgeon.
1	2086	MR. TATOBA B PATIL	52	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
2	1570	MR. SADASHIV B KUMBHAR	47	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
3	0007	MR. RAMESH R CHAVAN	53	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
4	1259	MR. RAJESH R BAWACHE	48	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
5	0947	MR. MANGESH PUJARI	48	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
6	1360	MR. SURESH K KORE	52	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
7	1408	MR. SUBASH J KAMBLE	56	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
8	6258	MR. ABHIJEET D PAKALE	22	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
9	7229	MR. ARIHANT K BARGALE	25	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
0	1850	MR. SUNIL B. KININGE	55	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
1	0417	MR. RAGHUNATH R MUDHALE	54	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
2	7218	MR. RUSHIKESH B PATIL	24	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
3	0370	MR. MARUTI G SHINDE	50	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
4	1741	MR. RAHUL R SHANDAGE	40	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
5	0972	MR. VIJAY M GHATGE	48	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
6	1436	MR. SHARAD A MUDGAL	49	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
7	0414	MR. SHEKHAR M BHANDARE	49	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
8	0861	MR. RAJARAM K DAVARI	54	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
9	1817	MR. JAWAHAR B MALI	46	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	

कारखाने अधिनियम 1980 च्या कलम 10(2) प्रमाणे
कॉल्हापूर जिल्हाकरिता

Form No 7 (Prescribed under Rule 18 (7))

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20	0645	MR. BHAUSAB T MUDALE	55	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
21	7480	MR. AMOL J JOKARE	30	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
22	0353	MR. SHRIDHAR P NALGE	51	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
23	1962	MR. AJIT B KININGE	54	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
24	0720	MR. BALASAHEB HEGADE	56	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
25	1116	MR. RAJARAM L BARGAVKAR	55	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
26	2125	MR. RAHUBHAU UATHARE	60	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
27	0108	MR. VIJAY J PODJALE	58	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
28	989	MR. R G NAIKWADE	51	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
29	7504	MR. SANTOSH S CHOUGULE	25	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
30	0010	MR. PUNDLIK N KAMBLE	51	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
31	1903	MR. RAMESH P SALOKHE	39	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
32	7246	MR. SHUBHAM A KALAGATE	25	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
33	1319	MR. NISAR M MULLA	53	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
34	0625	MR. SAGAR R PATIL	48	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
35	0755	MR. VIJAY R DANGRE	54	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
36	1720	MR. NITIN B SHINTRE	46	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
37	1335	MR. VIJAY V YADAV	56	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
38	0846	MR. ADAM A MULLA	49	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	

कारखाने अधिनियम 1947 के अन्तर्गत प्रमाणित
कोल्हापूर जिल्हाकरिता

प्राधिकृत प्रमाणक शल्यचिकित्सक
क्र. ACS 15-AM/2016

Form No 7 (Prescribed under Rule 18 (7))

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9	1260	MR. SURESH J PARIT	47	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
0	1536	MR. SATAPPA M SUTAR	53	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
1	0946	MR. APPASO U HAWALDAR	54	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
2	6023	MR. AKASH A BODALE	30	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
3	1456	MR. NIVRUTTI N KATKAR	56	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
4	1267	MR. HANMANT B MORE	42	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
5	0435	MR. SURESH A DESAI	52	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
6	380	MR. VILAS N PATIL	57	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
7	1403	MR. RAJENDRA A SANNAKE	47	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
8	289	MR. SUNIL H KHADE	58	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
9	2092	MR. RAMESH S PATIL	55	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
0	1956	MR. SUNIL A KALAGANTE	42	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
1	1991	MR. SACHIN A KERGUTTE	37	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
2	1318	MR. DADASO D PATIL	47	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
3	0314	MR. SANDIP N TAVANSHETTI	53	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
4	1954	MR. RAHUL U MUDRALE	44	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
5	0180	MR. SURESH B GIRAGAVE	51	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
6	0660	MR. VILAS B RAUT	52	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
7	0404	MR. KRISHNA SANKAPAL	59	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	

कारखाने अधिनियम 1980 च्या कलम 10(2) प्रमाणे
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HEALTH REGISTER

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58	0399	MR. SANJAY D PATIL	52	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
59	1959	MR. HINDURAO D MANE	50	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
60	1729	MR. UMESH A CHOUGULE	46	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
61	2238	MR. SHRIKANT R DADMODE	44	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
62	0885	MR. ASHOK G CHAVAN	50	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
63	1701	MR. SHANTINATH B CHOUGALE	54	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
64	1699	MR. SANJAY KAMBLE	59	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
65	0910	MR. RAJENDRA A SANGAI	50	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
66	1670	MR. PANDURANG J KAMBLE	51	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
67	2085	MR. DONDAPPA KAMATNURE	46	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
68	1912	MR. RAMESH S PATIL	46	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
69	1633	MR. SHIVAJI B MALI	44	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
70	1217	MR. SAMBHAJI B SADALE	46	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
71	0006	MR. RAJENDRA A PARAMAJ	52	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
72	0369	MR. MANIK S PATIL	50	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
73	1739	MR. VIJAY A PATIL	41	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
74	7403	MR. SOURABH R CHOUGALE	23	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
75	1928	MR. DATTATRAY P YARGTTI	44	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
76	0544	MR. SUBHASH S GOTKHINDE	49	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	

कारखाने अधिनियम १९४८ च्या कलम १०(२) अन्वये
कोल्हापूर जिल्हाकरिता

HEALTH REGISTER

From: 03/09/2021 To 02/09/2022

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DR. ARVIND MANE
MBBS DPH AFIH. (Mumbai)

Company Name : JAWAHAR SHETKARI SAHAKARI KARKHANA LTD.

Emp. No.	Name	Age	Sex	Dept of employment of present work	Date of leaving or transfer to other work	Reason for leaving Transfer of discharge	Nature of job or occupation	Raw material or bye product handled	Exam. Date	Result of Medical Examination	If suspended from work, state period of suspension with detailed reasons	Certified fit to resume duty on with signature of Certifying Surgeon	If Certificate of unfitness or suspension issued to worker	Signature with gate certifying surgeon.
1402	MR. SURESH B PAJARE	54	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
1902	MR. SIDDHU S MUDHALE	39	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
1886	MR. ASHOK G CHOUGALE	45	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
6230	MR. BABAN B DESAI	59	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
1767	MR. JIVENDER V KAMBLE	48	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
7477	MR. SANTOSH S PUJARI	22	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
7028	MR. ABHINANDAN M GIRMAL	29	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
1346	MR. PARGONDA N PATIL	50	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
7131	MR. SUJIT S RANGOLE	30	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
7023	MR. RANJIT R FIRAGANNAVAR	29	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
7137	MR. FIROJ B NAIKWADE	40	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
1946	MR. DHANAJI M CHAVAN	49	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
1778	MR. PRAVIN M GHAT	42	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
2040	MR. SWAPNIL B CHOUGALE	34	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
7242	MR. SOURABH J GIBHISE	25	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
1359	MR. VRUSHABH A AITVADE	50	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
1612	MR. ANIL K KAMBLE	57	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
0416	MR. SHARAD B PATIL	57	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
1834	MR. DAVAL M SHAIKH	50	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	

कारखाने अधिनियम १९४८ च्या कलम २०(२) प्रमाणे
कोल्हापूर जिल्हाकरिता

HEALTH REGISTER

From: 03/09/2021 To 02/09/2022

CERTIFYING SURGEON
DR. ARVIND MANE
MBBS DPH AFIH. (Mumbai)

Company Name : JAWAHAR SHETKARI SAHAKARI KARKHANA LTD.

Sr. No.	Emp. No.	Name	Age	Sex	Dept of employment of present work	Date of leaving or transfer to other work	Reason for leaving Transfer of discharge	Nature of job or occupation	Raw material or bye product handled	Exam. Date	Result of Medical Examination	If suspended from work, state period of suspension with detailed reasons	Certified fit to resume duty on with signature of Certifying Surgeon	If Certificate of unfitness or suspension issued to worker	Signature with gate certifying surgeon.
06	2009	MR. JAVED A MUJAWAR	38	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
07	1248	MR. SUBHASH A GOTKHINDE	47	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
08	7027	MR. SACHIN A BRGALE	28	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
09	1475	MR. SUNIL A TASHILDAR	53	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
00	1717	MR. RAJU P UPADHYE	43	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
01	1709	MR. ANIL A PATIL	53	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
02	0157	MR. BALERAM A MANE	57	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
03	7351	MR. RUTESH V CHANVIRE	21	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
04	992	MR. BABURAO A KAMTE	54	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
05	1921	MR. RAVINDRA P KARANJE	52	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
06	0802	MR. DATTATRAY G KHEDKAR	51	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
07	2232	MR. RAJARAM V PAWAR	55	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
08	0058	MR. SATAPPA U CHOUGULE	57	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
09	7144	MR. PRAKASH N KAMBLE	52	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
10	1240	MR. ARUN K PATIL	46	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
11	7412	MR. AJIT R BANDGR	25	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
12	2120	MR. SANJEEVAN B VAJAMKAR	58	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
13	7032	MR. SANDIP S CHOPADE	26	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
14	1374	MR. SARJERAO V CHOUGULE	58	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	

कारखाने अधिनियम १९४७ च्या कलम १०(२) प्रमाणे
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HEALTH REGISTER

From: 03/09/2021 To 02/09/2022

DR. ARVIND MANE
MBBS DPH AFIH.(Mumbai)

Company Name : JAWAHAR SHETKARI SAHAKARI KARKHANA LTD.

Sr. No.	Emp. No.	Name	Age	Sex	Dept of employment of present work	Date of leaving or transfer to other work	Reason for leaving Transfer of discharge	Nature of job or occupation	Raw material or bye product handled	Exam. Date	Result of Medical Examination	If suspended from work, state period of suspension with detailed reasons	Certified fit to resume duty on with signature of Certifying Surgeon	If Certificate of unfitness or suspension issued to worker	Signature with gate certifying surgeon.
5	6068	MR. KALPESH K KAPSE	30	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
6	705	MR. DEEPAK KOTHAWALE	50	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
7	2029	MR. YUVRAJ A GANAKE	32	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
8	7024	MR. SAGAR H NAIK	30	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
9	2094	MR. NAVNATH A MUDHALE	30	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
10	0815	MR. KUBER J SOUNDATTE	55	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
11	637	MR. ASHOK D MANE	54	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
12	2030	MR. SUNIL M KIRUNGE	32	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
13	1100	MR. KALLAPPA R CHOUGULE	53	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
14	1976	MR. SHRENIK B KOLHAPURE	45	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
15	7451	MR. HEMANT R PATIL	24	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
16	1075	MR. RAOSAHEB V MAJGAVKAR	57	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
17	2128	MR. VAIBHAV PATIL	30	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
18	173	MR. BAPU H MANGALEKAR	54	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
19	1006	MR. SANJAY M KUDALKAR	50	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
20	1599	MR. TANAJI S WALKE	50	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
21	1447	MR. PRABHAKAR S KUMBHAR	48	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
22	0411	MR. YASHWANT R BOGADE	57	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
23	0627	MR. SANJAY B KOLI	47	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे
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HEALTH REGISTER

From: 03/09/2021 To 02/09/2022

DR. ARVIND MANE
MBBS DPH AFIH.(Mumbai)

Company Name : JAWAHAR SHETKARI SAHAKARI KARKHANA LTD.

Sr. No.	Emp. No.	Name	Age	Sex	Dept of employment of present work	Date of leaving or transfer to other wor	Reason for leaving Transfer of discharg	Nature of job or occupation	Raw material or bye product handled	Exam. Date	Result of Medical Examination	If suspended from work, state period of suspension with detailed reasons	Certified fit to resume duty on writ signature of Certifying Surgeon	If Certificate of unfitness or suspension issued to worker	Signature with gate certifying surgeon.
34	0803	MR. ASLAM B NADAF	56	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
35	1780	MR. RAJENDRA R SHINDE	43	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
36	1594	MR. BIRU LATE	50	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
37	1696	MR. GAJANAN DAKE	42	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
38	2222	MR. KIYAVLYA R SHASTRI	25	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
39	1708	MR. MAHADEV M MAGDUM	42	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
40	1683	MR. AMOL B HERWADE	43	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
41	1770	MR. UTTAM R VADD	40	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
42	2207	MR. NIRANJAN P POWAR	27	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
43	0987	MR. VIJAY B HANDE	50	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
44	1007	MR. ANNASO D PARIT	59	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
45	1984	MR. SHRIRANG R CHOUGULE	33	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
46	7303	MR. SANTOSH S BHANSE	23	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
47	1754	MR. BHRAT S GHUNKE	41	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
48	0927	MR. MAHADEV B KORAVI	49	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
49	6042	MR. SURAJ D PATIL	29	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
50	871	MR. SHANKR M SUTAR	48	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
51	1111	MR. SHAHAJI B NIMBALKAR	52	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	
52	1437	MR. SADIK I MUJAWAR	51	M	-	NA	NA			03/09/2021	Fit	NA	Fit	NA	

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे

कोल्हापूर जिल्हाकरिता

Annexure IV
Photographs of Firefighting system
and Mock drill

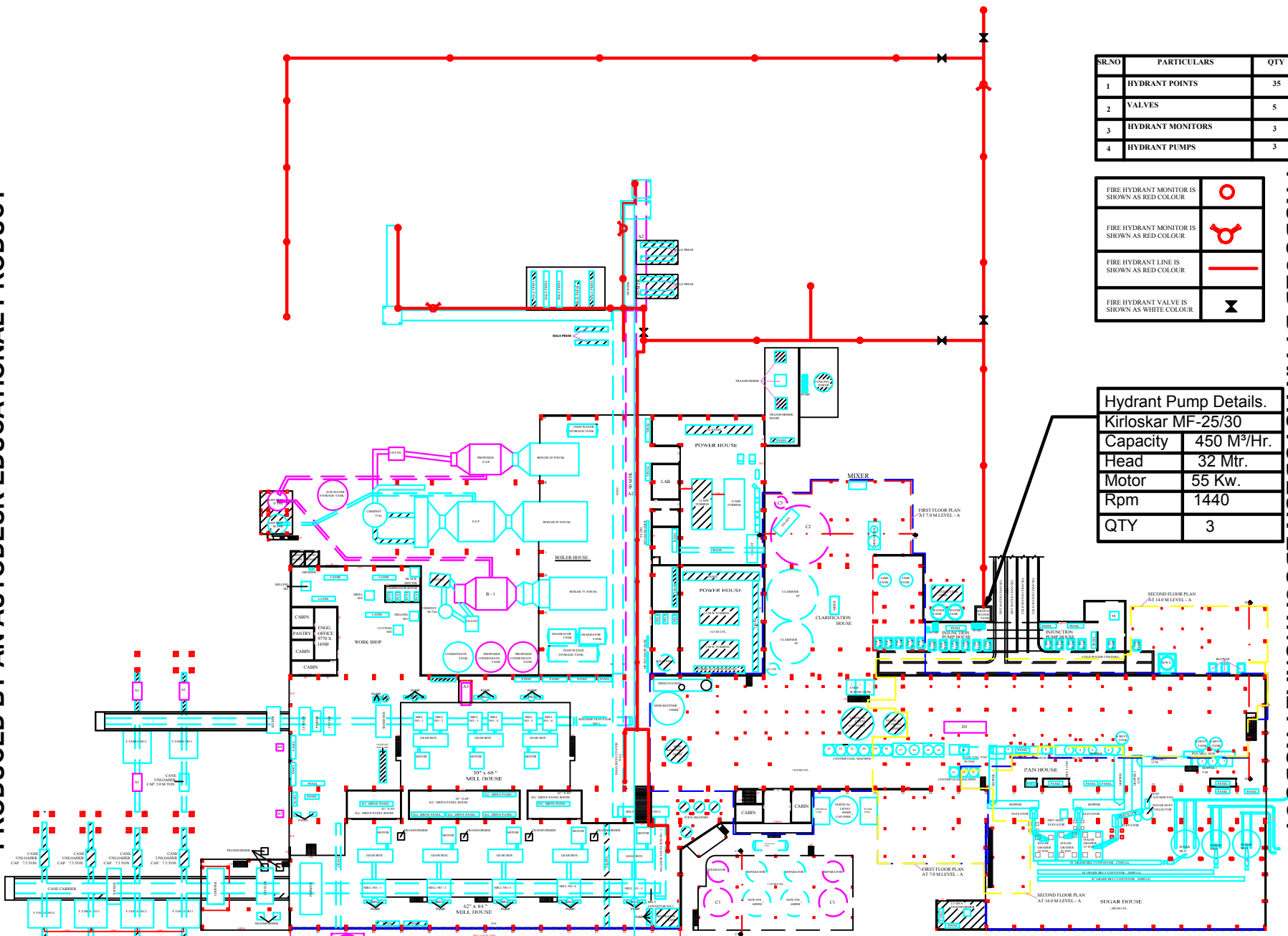
Photographs of firefighting system



SR.NO	PARTICULARS	QTY
1	HYDRANT POINTS	35
2	VALVES	5
3	HYDRANT MONITORS	3
4	HYDRANT PUMPS	3

FIRE HYDRANT MONITOR IS SHOWN AS RED COLOUR	
FIRE HYDRANT MONITOR IS SHOWN AS RED COLOUR	
FIRE HYDRANT LINE IS SHOWN AS RED COLOUR	
FIRE HYDRANT VALVE IS SHOWN AS WHITE COLOUR	

Hydrant Pump Details.	
Kirloskar MF-25/30	
Capacity	450 M ³ /Hr.
Head	32 Mtr.
Motor	55 Kw.
Rpm	1440
QTY	3



GROUND FLOOR PLAN - A
SCALE: 1 : 200

JAWAHAR S.S.S.K.LTD.		HUPAKI	
TAL. HATRANANGALE, DIST. KOLHAPUR	DATE: _____	SCALE: _____	TITLE: _____
CHIEF ENGINEER & FACTORY MANAGER	DESIGNER: _____	CHECKER: _____	DATE: _____
PROJECT NO. _____	DATE: _____	SCALE: _____	TITLE: _____
DATE: _____	SCALE: _____	TITLE: _____	DATE: _____
DATE: _____	SCALE: _____	TITLE: _____	DATE: _____

JAWAHAR SHETKARI SAHAKARI SAKHAR KARKHANA LTD., HUPARI

Shri Kallappa Anna Awadenagar, Hupari – Yalgud, 416 203. Tal.: Hatkanangale, Dist.: Kolhapur

Phone (0230) 2450402, Fax No. : (0230) 2450401

E-mail : kprjsssk@gmail.com

MOCK DRILL REPORT.

SR.NO	ASPECT	DISCREPTION	
1.	Subject Of Drill	Mock drill for the extinguishing of the fire caused during cutting work using the gas cutter set at the milling section of the factory.	
2.	Type of Drill	Fire mock drill.	
3.	Conducted By	Safety department & Security department of the factory.	
4.	Scheduled Time	From 10:30 am to 11:00 am on dated 15 June 2021.	
5.	Location	Mill section – Near cane carrier of 42" X 84" Mill.	
6.	Possible hazards of incident	Social Impact – No any social Impact is there.	
		Property damage - Yes, Property damage may possible.	
		Environmental Impact – Partial environmental Impact.	
		Critical infra impact - No any affect.	
		Process / Business Impact – It may impact process of Factory.	
		Psychological Impact - Partially affected.	
6	Groups & Teams (Security Department)	Team 1 : Fire Fighting Team	
		Team Commander – shri. Gulab . s. Dabhade. (Supervisor) With 6 security mebers.	To do a fie extinguishing work on the location of fire incident.
		Team 2 : Fire picket Team	
		Team Commander – shri. Harun Naykawade (Supervisor) With 10 security mebers.	To surround the affected area of the incident and restrict the entry of man and flammable material from outside to inside the affected area.
		Team 3 : Salvage Team	
		Team Commander – shri. Sharad Kamble (Supervisor) With 6 security mebers.	To Dispose a damaged material and evaluation of material damage due to the fire incident.
7.	Methodologies, techniques & Strategies used.	Fire fighting team operations.	Rescue team operations
		Fire picket team operations	Reserve team operations.
		Salvage team operations	

8.	Name of the volunteers	Total 64 no of Volunteers are participated in Mock drill. Some of them are as below.	
		Shri . Sanjay Naik.	Shri . Shubham Magadum.
		Shri . Jivandhar Patil.	Shri . Neminath Ardande.
		Shri . Sushil Upadhye.	Shri . Jalandhar patil.
		Shri . Pradip Shinge.	Shri . Rohit vadd.
		Shri . Maruti More.	Shri . Suraj Awate.
		Shri .Adesh Yadav.	Shri . Ifaham jamadar.
		Shri .Shrikant Karade.	Shri . Uttam Khot.
9	Equipments, tools , material used	Personal Protective equipments.	Emergency flag
		Sand buckets	Siren
		Fire extinguishers.	Woolen cloth
		Fire Extinguishing vehicle.	Disposal & segregation equipments.
		Ambulance	stretcher

QUANTITATIVE TIME STUDY ANALYSIS - :

SR.NO	MAJOR EVENT	TIME OF OCCURANCE	RESPONSE TIME
1	Occurrence of the fire incident at the mill section.	10:44 (Ref. Time)	NA
2	Inform to the Security & Safety department about incident.	10:45	1 min
3	Alert message to all employee through Emergency Siren	10:45	1 min
4	Arrival Safety officer along with security team and Fire fighting team.	10:47	3 min
5	Fire brigade arrives on the location of incident.	10:47:23	3 min 23 sec
6	Ambulance arrives at location of incident.	10:47:33	3 min 33 sec
7	Fire extinguishing work started.	10:48:06	4 min 06 sec
8	Accident victim pick up by rescue team.	10:47:54	3 min 54 sec
9	Fire extinguishing work completed & situation taken under control.	10:49:02	5 min 02 sec
10	Ambulance arrives at medical centre of the Factory.	10:51:48	7 min 48 sec
11	Treatment has given to the victim.	10:55	11 min
12	General instruction given to the employees and supervisors by Factory manager, safety officer, and Security officer.	10:57	13 min
13	Declaration of successfully completion of mock drill by authorities.	10:58	14 min

Mock drill Assessment sheet

SR. NO	ASSESSMENT CHECKS	NA	YES	NO	REMARK
1	Were all volunteers aware about the potential of the incident to hazard?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes. They are all aware about it.
2	Was Every rescue team / Crew member aware about their responsibilities in the case of emergency?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Responsibilities are specifically assigned to each member.
3	Have employees / members of rescue team well assimilated the methodologies, procedures & strategies employed during the drills?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Employees should clearly understand their role in the fire extinguishing procedure.
4	Was any Physiological problem evidenced among employee/ rescue team member during the drill?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No any Physiological problem was evidenced.
5	Was any Psychological problem evidenced among employee/ rescue team member during the drill?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No any Psychological problem was evidenced.
6	Were all equipments / machines find in place so that they were easily accessible in the case of the emergency?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All Equipments were placed at a assigned location.
7	Were all equipments / machines found to work effectively during the drill?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	all equipments /machines are regularly tested and maintained in good condition
8	Is there any need to modify or replace any equipment / machine as per changing requirements of situations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No.
9	Was there any material which can add potential to the hazard?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cotton waste was available on the location which is used for cleaning purpose.
10	Was the material properly segregated from the place of hazard to the safe place?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes. Salvage team done the segregation work.
11	Was there any method / procedure which have to modify/improve/replace as per current necessities and standards in order to improve the effectiveness of system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Rescue team should be follow the assigned work.
12	Was there any defect in the communication system which employed during the emergency?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	There is a time lag in the communication.
13	Is there any possibility of arising unusual conditions during the time of emergency?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No such possibility is there.

Observations & findings -


1. Mock Drill found to be complete within 14 min of time.
2. All Team Members found to be very attentive and proactive towards the incident.
3. Employees should have more awareness about emergency signals and procedures to be followed during emergency.
4. Time response of the Security and safety system is quick towards the incident.
5. Some employees are found not using mask and PPE.
6. Rescue team has some deviation from the assigned work.


Corrective Measures to be taken -

1. Employees should be given a regular training about fire incident.
2. Personal protective equipment awareness program should be conducted.
3. More emphasis should be given on the training of Rescue team.
4. All employees should be trained in the proper communication about incident.

Date -

Time -


Shri . Anil . K . Walshetti
(Labour & Welfare Officer)


Shri .Vikas .S Kavade
(Chief Engineer & Factory Manager)

Annexure V
Details and Photographs of Green
belt

**GREENBELT DEVELOPMENT AT
JAWAHAR SHETAKARI S.S.K. LTD. (JSSSKL),
AT: HUPARI, TAL.: HATKANANGALE, DIST.: KOLHAPUR, MAHARASHTRA**



AREAWISE TREE PLANTATION INFORMATION-

Sr.N o.	Suevey No.	Place	Area (Acre)
1	1258	Harvesting workers staying yard	22.36
2	315/8,9	Colony area	5.00
3	315/11	Caneyard west side area	3.30
4	315/9,10	Office backside Mango & Rose plantation area	3.0
5	315/10	Stage side area	2.11
6	315/9,925/ 9	Main Road both sides area	1.13
7	315/14	Near Ash Yard	0.13
8	315/14	Hamaal shed (Eucalyptus tree plantation)	4.26
9	315/14	Hamaal shed (Forest trees)	4.16
10	315/11	Karkhana Main Gate area	0.03
11	315/14	Switch Yard/Bullock cart yard area	0.22
12	315/11	Behind Godown No.13 area	2.10
13	315/7	Petrol pump area	0.05
14	315/8	Bamboo in Compost yard	2.25
15	315/7,8,9	Bene plot	13.30
16	925/9	Flower Bed	0.11
17	315/9	Guest house, Board Room area	0.12
18	925/9	Karanj,chikoo,Mango plantation Area	2.02
19	925/9	Near Mhasoba Temple Area	6.00
20	925/9,315/9	Rajrajeshwari Temple to Bene plot roadside plantation (Coconut, Ashok trees)	1.31
21	925/9	Canal Side Coconut, Ashok Tree plantation	1.08
22	925/9,315/9	Karkhana outside Gate Cross Bed area	0.08
23	925/9	Rajrajeshwari Temple Area	1.10
24	925/9	Caneyard to Rajrajeshwari Temple Roadside plantation	0.22
25	925/9	Tractor Yard area	2.36
		Total	83.20


Chief Agri. Officer

JAWAHAR SHETKARI SAHAKARI SAKHAR KARKHANA LTD., HUPARI

Shri. Kallappanna Awadenagar, Hupari -Yalgud, Tal-Hatkanangale, Dist- Kolhapur.(Maharashtra)

Date- 18/10/2021

Karkhana Site Tree Plantation Details:-

Sr.No	Particulars	Nos of Plant
A	Fruit Plant	
1.	Coconut	613
2.	Mango	350
3.	Chikku	156
	Total	1119
B	Forest Tree	
1.	Rain Tree	2700
2.	Cassia	1752
3.	Chinch	78
4.	Kadaumb	17
5.	Jacaranda	35
6.	Behda	10
7.	Saptaparni	27
8.	Brassia	17
9.	Saga	14
10.	Suru	2000
11.	Nimb & Others	2798
12.	Tubobia	20
13.	Kardia	35
14.	Gorham Chinch	558
15.	Silver Oak	390
16.	Mohagani	6
17.	Wad	70
18.	Pimpal	125
19.	Nile Mohar	03
20.	Bahawa	140
21.	Gulmohar	409
22.	Kanchan	133
23.	Nilgiri	3430
24.	Umber	10
25.	Phanas	15
26.	Bel	20
27.	Australian babul.	300
28.	Gul bhendi	507
29.	Karanj	1239
30.	Jambhul	100
31.	Pletoforum	250
32.	Bambu	28015
33.	Katesawar	170
	Total	45393

Sr.No	Particulars	Nos of Plant
C	Decorative Tree	
1.	Bottal Palm	90
2.	Ashoka	703
3.	Morepankhi	108
4.	Ficus	167
5.	Boganwel	1440
6.	Exora	72
7.	Chapha	53
8.	Areka Palm	4605
	Total	7238
D	Flower Tree	
1.	Rose	655
2.	Other Flower Tree	5300
3.	Pots Tree	564
4.	Kaneri	1670
5.	Shankasur	340
	Total	8529

Total Summary of tree plantation-		
A	Fruit Tree	1119
B	Forest Tree	45393
C	Decorative Tree	7238
D	Flower Tree	8529
	Total Tree Plantation	62279


Chief Agri Officer

Annexure VI
Public hearing Minutes of meeting
and compliance report

मे. जवाहर शेतकरी सहकारी साखर कारखाना मर्यादित, मु. पो. हुपरी, ता. हातकणंगले, जि. कोल्हापूर यांची सध्याची ऊस गाळप क्षमता १२००० मेट्रीक टन प्रतिदिन वरुन १६००० मेट्रीक टन प्रतिदिन करणे या प्रस्तावित विस्तारीकरण प्रकल्पाकरिता घेण्यात आलेल्या पर्यावरण विषयक जाहीर जनसुनावणीचे इतिवृत्त.

मे. जवाहर शेतकरी सहकारी साखर कारखाना मर्यादित, मु.पो. हुपरी, ता. हातकणंगले, जि. कोल्हापूर यांची सध्याची ऊस गाळप क्षमता १२००० टीसीडी वरुन १६००० टीसीडी करणे या प्रस्तावित विस्तारीकरण प्रकल्पाकरिता पर्यावरण विषयक जाहीर जनसुनावणी दि. १२-१२-२०१९ रोजी सकाळी ११.३० वाजता कारखाना कार्यस्थळावर घेण्यात आली.

पर्यावरण विषयक जाहीर जनसुनावणीस खालील समिती सदस्य उपस्थित होते :-

- | | | | |
|----|--|---|---------|
| १. | मा. श्री. भाऊसाहेब गलांडे
अपर जिल्हा दंडाधिकारी, कोल्हापूर
(मा. जिल्हाधिकारी, कोल्हापूर यांचे प्रतिनिधी) | - | अध्यक्ष |
| २. | श्री. रविंद्र आंधळे
प्रादेशिक अधिकारी, म.प्र. नि. मंडळ, कोल्हापूर
(म.प्र.नि. मंडळाचे प्रतिनिधी) | - | सदस्य |
| ३. | श्री. प्रशांत गायकवाड,
उप प्रादेशिक अधिकारी, म.प्र.नि. मंडळ,
कोल्हापूर. | - | समन्वयक |

पर्यावरण विषयक जाहीर जनसुनावणीचे इतिवृत्त पुढील प्रमाणे :-

सर्वप्रथम श्री. प्रशांत गायकवाड, उप प्रादेशिक अधिकारी, म.प्र.नि. मंडळ, कोल्हापूर तथा जनसुनावणीचे समन्वयक यांनी उपस्थितांचे स्वागत करुन मा. अध्यक्षांच्या परवानगीने जनसुनावणीस सुरुवात केली. त्यांनी सांगितले की, भारत सरकारच्या वने, पर्यावरण व हवामान बदल मंत्रालय यांच्या पर्यावरण आघात मुल्यांकन अधिसूचना २००६ व त्यातील सुधारणा अन्वये प्रस्तावित प्रकल्प 'अ' प्रवर्गामध्ये येत असल्याने आजची जनसुनावणी घेण्यात येत आहे. यासाठी प्रकल्प प्रवर्तकांनी महाराष्ट्र प्रदूषण नियंत्रण मंडळाकडे प्रस्ताव सादर केलेला होता. त्यांना भारत सरकारच्या वने, पर्यावरण व हवामान बदल मंत्रालय यांनी काही अटी व शर्ती घालून टी.ओ.आर. मंजूर केलेला आहे व प्रस्तावित प्रकल्पाचा पर्यावरण आघात मुल्यांकन अहवाल तयार करण्यास अनुमती दिलेली आहे. त्यानुसार प्रकल्प प्रवर्तकांनी प्रारुप पर्यावरण आघात मुल्यांकन अहवाल तयार करुन शासनास सादर केलेला आहे. त्यानंतर मा. अपर जिल्हादंडाधिकारी यांनी सदर जनसुनावणी घेण्यास मान्यता दिली व त्यास अनुसरुन महाराष्ट्र प्रदूषण नियंत्रण मंडळाने दि. ०८-११-२०१९ रोजीच्या दै. "पुढारी" या मराठी व "टाईम्स ऑफ इंडिया" या इंग्रजी वृत्तपत्रामध्ये

प्रस्तावित प्रकल्पाबाबत पर्यावरण विषयक जाहीर जनसुनावणीची सूचना प्रसिध्द केलेली होती. प्रस्तावित प्रकल्पाचे तांत्रिक सल्लागार यांनी तयार केलेला प्रारूप पर्यावरण मुल्यांकन आघात अहवालाच्या प्रती जिल्हाधिकारी कार्यालय, कोल्हापूर; जिल्हा उद्योग केंद्र, कोल्हापूर; जिल्हा परिषद, कोल्हापूर, मा. सचिव, पर्यावरण विभाग, मंत्रालय, मुंबई; महाराष्ट्र प्रदूषण नियंत्रण मंडळाचे मुख्यालय, मुंबई; प्रादेशिक कार्यालय, म.प्र.नि. मंडळ कोल्हापूर; प्रांत अधिकारी कार्यालय करवीर विभाग; प्रांत अधिकारी कार्यालय इचलकरंजी विभाग; तहसिल कार्यालय, हातकणंगले; गट विकास अधिकारी, पंचायत समिती कार्यालय, हातकणंगले; हुपरी नगरपरिषद, हुपरी; ग्रामपंचायत कार्यालय, यळगूड, ता. हातकणंगले इ. ठिकाणी जनतेच्या अभ्यासासाठी ठेवण्यात आलेल्या होत्या व जनतेकडून प्रस्तावित प्रकल्पाबाबत हरकती, आक्षेप सूचना मागविण्यात आलेल्या होत्या. तद्नंतर आज अखेर प्रस्तावित प्रकल्पासंदर्भात म.प्र.नि. मंडळाकडे एकही तक्रार, हरकत, अनुमोदन प्राप्त झालेले नाही. प्रस्तावित प्रकल्पाबाबत जनतेच्या सूचना, टिका, प्रश्न असतील तर आपण लेखी किंवा तोंडी स्वरूपात मांडाव्यात त्याची नोंद इतिवृत्तामध्ये घेतली जाईल. ही पर्यावरण विषयक जनसुनावणी समिती केवळ जनतेच्या पर्यावरण विषयक तक्रारी, सूचना यांची नोंद घेणार असून प्रकल्प उभारणीबाबत कोणताही निर्णय ही समिती घेणार नाही. या जनसुनावणीचा उद्देश जनतेस प्रकल्पाविषयी माहिती देणे, प्रकल्पामुळे पर्यावरणावर काय परिणाम होईल व त्यावर करावयाच्या ऊपाययोजना तसेच जनतेच्या टिका, सूचनांची नोंद घेवून त्याचे इतिवृत्त पर्यावरण, वने व हवामान बदल मंत्रालय यांचेकडे पुढील निर्णय घेणेसाठी सादर करणे हा आहे असे सांगून श्री. प्रशांत गायकवाड यांनी मा. अध्यक्षंच्या परवानगीने प्रस्तावित प्रकल्पाचे पर्यावरण सल्लागार यांना प्रस्तावित प्रकल्पाबाबतची माहिती सादर करण्याची सूचना केली.

यानंतर प्रस्तावित प्रकल्पाचे पर्यावरण विषयक सल्लागार डॉ. संग्राम घुगरे, मे. इक्विनॉक्स एन्व्हायरनमेंट्स (इं.) प्रा. लि. यांनी स्लाईड शोव्दारे प्रस्तावित प्रकल्पाबाबत माहिती सादर केली. त्यांनी सांगितले की, मे. जवाहर शेतकरी स.सा.का. मर्यादित ची स्थापना १९९० मध्ये झाली व सुरवातीस या प्रकल्पाची गाळप क्षमता ०१ मेट्रीक टन प्रतिदिन इतकी होती. साखर कारखाना हा 'ब' प्रवर्गामध्ये येत असल्याने तो राज्य सरकारच्या नियंत्रणामध्ये येतो. पण मे. जवाहर शेतकरी स.सा.का. मर्यादित हा प्रकल्प महाराष्ट्र - कर्नाटक या आंतरराज्य सिमेच्या २.३५ किमी अंतरावर येतो त्यामुळे दोन्ही राज्यातील ऊस या कारखान्यामध्ये गाळप केला जाऊ शकतो व त्यामुळे भारत सरकारच्या वने, पर्यावरण व हवामान बदल मंत्रालय यांच्या नोटीफिकेशन मधील एका अटीनुसार कोणताही प्रकल्प स्थळ जर आंतरराज्य सिमेपासून ०५ किमीच्या आंत असेल तर त्याचा समावेश 'अ' प्रवर्गामध्ये केला जातो व सदरील प्रकल्प केंद्र शासनांतर्गत येतो. असे असल्याने मे. जवाहर शेतकरी स.सा.का. मर्यादित या प्रकल्पाचा समावेश 'अ' प्रवर्गामध्ये करण्यात आलेला आहे असे सांगून डॉ. घुगरे यांनी प्रस्तावित प्रकल्पाची पार्श्वभूमी, प्रकल्पाचे भौगोलिक स्थान, प्रकल्पाचे स्थान व पर्यावरणीय संरचना, एकत्रीत प्रकल्पाची माहिती, विस्तारीकरण प्रकल्पाची वैशिष्ट्ये, प्रकल्प प्रवर्तक तपशिल, प्रकल्प विस्तारीकरणाची गरज, उल्लेखनीय कामगिरी आणि पुरस्कार, उत्पादने आणि जोड उत्पादने, कच्चा माल, साखर व सहवीज उत्पादन प्रक्रिया, साखर कारखाना व सहवीज प्रकल्पांसाठी पाण्याचा वापर, साखर कारखाना व सहवीज प्रकल्पांतून निघणारे घरगूती व औद्योगिक सांडपाणी, साखर कारखाना औद्योगिक सांडपाणी प्रक्रिया प्रकल्प व त्याचे फोटोग्राफ, प्रदूषणाचे स्रोत, आपत्कालीन व्यवस्थापन यंत्रणा, हरितपट्टा विकास कार्यक्रम, सामाजिक व आर्थिक विकासांतर्गत केलेला खर्च, नियोजित सामाजिक व आर्थिक विकास, प्रकल्पामधील पर्यावरणीय घटकांसाठीचा गुंतवणूक तपशिल, पर्यावरणविषयक तपासणी कार्यक्रम, सॅटेलाईट इमेज, जैव विविधता, हॅबीटॅट इ. बाबत माहिती सादर केली.

वरील सादरीकरणानंतर नागरीकांनी प्रस्तावित प्रकल्पाबाबत उपस्थित केलेल्या प्रश्नांबाबत प्रस्तावित प्रकल्पाचे व्यवस्थापन / पर्यावरण विषयक सल्लागार यांनी खालीलप्रमाणे उत्तरे दिली / म्हणणे मांडले.

प्रश्न क्र. १. श्री. दादासो व्यंकटराव खानविलकर, गाव रेंदाळ, ता. हातकणंगले, जि. कोल्हापूर.

प्रस्तावित प्रकल्पासाठी लागणारा कच्चा माल कोठून उपलब्ध करणार ?

उत्तर -

श्री. मनोहर जोशी, व्यवस्थापकीय संचालक, मे. जवाहर शेतकरी स.सा.का. मर्यादित यांनी सांगितले की, सध्या कारखान्याच्या कार्यक्षेत्रातील सर्व सभासदांचा ऊस गाळपासाठी येतो. यावर्षी २४००० हेक्टर क्षेत्रातून ऊस गाळपासाठी आलेला आहे अशी नोंद आहे आणि सर्व सभासदांच्या ऊसावर अवलंबून असणारा हा कारखाना आहे. विस्तारीत प्रकल्पासाठी सुध्दा कारखान्याच्या कार्यक्षेत्रातीलच ऊस घेतला जाईल व त्यासाठी कार्यक्षेत्राबाहेरील ऊस घेण्याची आवश्यकता नाही.

प्रश्न क्र. २. श्री. सुजीत धोंडीराम शिंदे, गाव रेंदाळ, ता. हातकणंगले, जि. कोल्हापूर.

प्रस्तावित प्रकल्पातून किती साखर निर्मिती होणार ?

उत्तर -

श्री. जोशी यांनी सांगितले की, प्रस्तावित प्रकल्पातून १०० दिवसामध्ये १६ लाख टन साखर गाळप होईल व जर १६० दिवस कारखाना चालला तर २५ लाख टनापर्यंत साखरेचे गाळप होईल. सध्या कारखान्याचा ऊतारा साधारणतः पावणे तेरा टक्के पर्यंत पाहोचलेला आहे. आज अखेर २२ लाख टन साखरेचे उत्पादन झालेले आहे. १३ टक्के पर्यंत ऊतारा मिळवण्याचे कारखान्याचे नियोजन आहे. त्यामुळे वाढीव क्षमतेचा विचार केला तर १३ टक्के ऊतारानुसार १६० दिवसांमध्ये ३० ते ३२ लाख टन साखर उत्पादन करण्याची क्षमता निर्माण होईल.

प्रश्न क्र. ३. श्री. सुरेश आमगोंडा भोजकर.

कारखान्याने आपले कार्यक्षेत्र व परिसरामध्ये वृक्ष लागवडीची काय योजना आखलेली आहे ?

उत्तर -

श्री. जोशी यांनी सांगितले की, सध्या कारखान्याचे १०० हेक्टर इतके कार्यक्षेत्र आहे. यामध्ये ३४.५ टक्के क्षेत्रावर वृक्ष लागवड केलेली आहे. आपण ते सॅटेलाईटवरून बघू शकता. या

व्यतिरिक्त जी जमीन शिल्लक आहे त्यामध्ये चार ते पाच टक्के क्षेत्रावर विस्तारीकरणानंतर वृक्ष लागवड करण्याचे नियोजन आहे.

प्रश्न क्र. ४. श्री. विजय एकनाथ जोशी, हुपरी, ता. हातकणंगले, जि. कोल्हापूर

विस्तारीकरणानंतर कोणकोणती उप उत्पादने (बाय प्रॉडक्ट्स) निर्माण होतील ?

उत्तर -

श्री. जोशी यांनी सांगितले की, सध्या आपल्या कारखान्यामध्ये २७ मेगावॉट विजनिर्मिती होते. त्यातील १२ ते १४ मेगावॉट इतकी विज स्वतः कारखान्यासाठी वापरले जाते व राहिलेली विज राज्य विज मंडळास विकली जाते. या व्यतिरिक्त आपल्याकडे बगॅस व मोर्लेसिस यांची निर्मिती होते. बाजारामध्ये मोर्लेसिस चांगल्या भावाने विकले जाते. मोर्लेसिसचा दर्जा चांगला रहावा यासाठी अतिरिक्त स्टोरेज टँक बांधण्याचे नियोजन आहे. आपल्या सभोवती टेक्स्टाईल उद्योग मोठ्या प्रमाणावर असल्यामुळे स्थानिक बाजारपेठेमध्ये बगॅसला सुध्दा चांगली मागणी आहे. कारखान्यामध्ये तयार होणारा बगॅससुध्दा चांगल्या प्रतिचा असल्यामुळे कागल पंचतारांकीत औद्योगिक वसाहत तसेच इचलकरंजी येथील टेक्स्टाईल प्रोसेसिंग उद्योगांचे बॉयलर आमच्या साखर कारखान्याच्या बगॅसवर उत्तमप्रकारे चालू आहेत व त्याला स्थानिक बाजारपेठामध्ये चांगली मागणी आहे.

प्रश्न क्र. ५. श्री. आप्पासाहेब पाटील, गाव पट्टणकोडोली, ता. हातकणंगले, जि. कोल्हापूर.

सहवीज प्रकल्प किती दिवस कार्यरत राहणार ?

उत्तर —

श्री. जोशी यांनी सांगितले की, सहविज निर्मिती प्रकल्पामध्ये बॅक प्रेशर टर्बाईन व कंडेन्सींग टर्बाईन असे दोन प्रकार असतात. सन १९९४ मध्ये कारखाना व्यवस्थापनाने १.५ मेगावॉट क्षमतेचा बॅक प्रेशर टर्बाईन विज निर्मितीचा प्रकल्प केला. सन २००० साली २० मेगावॉट क्षमतेचा बॅक प्रेशर टर्बाईन विज निर्मितीचा प्रकल्प केला. त्यानंतर २००७ साली ३ मेगावॉटने क्षमता वाढविली तो सुध्दा बॅक प्रेशर टर्बाईन विज निर्मितीचा प्रकल्प केला. बॅक प्रेशर टर्बाईन असा फायदा आहे की, आपण निर्माण झालेल्या विजेचा आपणांसाठी वापर केल्यानंतर राहिलेली विज राज्य विद्युत मंडळास विकतो. शिल्लक राहिलेला बगॅस सुध्दा बाजारपेठेमध्ये खपतो. विस्तारीकरणानंतर विजेचा अंतर्गत वापर कमी होईल व जी जादा विज राहिल ती विद्युत मंडळाला विकली जाईल.

प्रश्न क्र. ६. श्री. हारुण सरदार मुजावर, गाव रेंदाळ, ता. हातकणंगले, जि. कोल्हापूर.

प्रस्तावित प्रकल्पासाठी अंदाजे किती खर्च येईल ?

उत्तर -

श्री. जोशी यांनी ऊस गाळप १२००० मेट्रीक टन प्रतिदिन पासून १६००० मेट्रीक टन प्रतिदिन करण्यासाठी साधारणतः ३४ कोटी रुपये इतका अत्यंत कमी भांडवली खर्च येईल असे सांगितले.

प्रश्न क्र. ७. श्री. वामन भास्कर कांबळे, राहणार रेंदाळ, ता. हातकणंगले, जि. कोल्हापूर.

साखर कारखान्याच्या आजुबाजुला असणा-या रेंदाळ, हुपरी, यळगूड, रांगोळी व जंगमवाडी या गावांना प्रस्तावित प्रकल्पाचा काय फायदा होईल ?

उत्तर -

श्री. जोशी यांनी सांगितले की, हा प्रकल्प रेंदाळ, हुपरी आणि यळगूड या तीन गावांच्या वेशीवर उभारलेला आहे. सर्वात महत्वाचे म्हणजे स्थानिक रोजगार या तीन गावांमध्ये जास्तीतजास्त निर्माण झालेला आहे व येथून पुढे देखील निर्माण होईल. कारखान्यातून निघणा-या सांडपाण्यावर चांगल्या प्रकारची प्रक्रिया करून ते पाणी जंगमवाडी या गावातील १०० एकर जमिनींना ऊसासाठी दिले जाते. या गावामध्ये कधीच नदीचे पाणी येवू शकले नसते अशा ठिकाणी १०० एकर जमिनीवर ऊसासाठी पाणी आम्ही दिलेले आहे. त्यामध्ये थोडी वाढ होऊ शकेल. जर कारखान्याची भौगोलिक परिस्थिती विचारात घेतली तर स्थानिक रोजगार निर्मिती, कुटीरोद्योगाला चालना, उद्योगामध्ये वाढ अशी मोठी बाजारपेठ कारखान्याने उपलब्ध करून दिलेली आहे व तेथे चांगली आर्थिक उलाढाल होते तसेच प्रदूषण निर्मिती अत्यल्प असल्यामुळे त्याचा आतापर्यंत कोणालाही त्रास झालेला नाही.

प्रश्न क्र. ८. श्री. आप्पासाहेब पाटील, राहणार यळगूड, ता. हातकणंगले, जि. कोल्हापूर.

प्रस्तावित प्रकल्पातून कोणकोणत्या प्रकारचे दुषीत पाणी निर्माण होणार आहे आणि त्याचे प्रमाण काय असणार आहे ?

उत्तर -

श्री. जोशी यांनी सांगितले की, केंद्रीय प्रदूषण नियंत्रण मंडळाने निश्चित केलेल्या मानकांप्रमाणे एक टन ऊस गाळपातून २०० लिटर सांडपाणी निर्मिती करता येते. आपल्या कारखान्यामध्ये सध्या एक टन ऊस गाळपातून ९३ लिटर सांडपाणी निर्मिती होते व विस्तारीकरणानंतर हे प्रमाण ८७ ते ८५ लिटर पर्यंत कमी होण्याची शक्यता आहे. या पाण्याचा वृक्ष लागवडीसाठी वापर केला जातो व सभासदांच्या मागणीनुसार जंगमवाडी येथील १०० ते १२५ एकर ऊसासाठी दिले जाते. केंद्रीय प्रदूषण नियंत्रण मंडळाचे मानकांचे आम्ही तंतोतंत पालन केलेले आहे.

प्रश्न क्र. ९. श्री. सनतकुमार पायगोंडा भोजकर, गाव तळंदगे, ता. हातकणंगले, जि. कोल्हापूर.

महाराष्ट्र प्रदूषण नियंत्रण मंडळाने आजच्या पर्यावरणविषयक जाहीर जनसुनावणीबाबत दिलेली सूचना वाचून आम्ही आज येथे उपस्थित राहिलो आहे. सादरीकरणादरम्यान बरीच माहिती

दिलेली आहे पण सर्वात महत्वाचे म्हणजे प्रकल्पातून निर्माण होणारे सांडपाणी, हवा प्रदूषण, आवाज यांची कारखाना वेळोवेळी तपासणी करते काय ? येथून पुढे करणार आहे काय व जर करणार असाल तर कोणत्या एजन्सीमार्फत तपासणी करणार ?

उत्तर -

श्री. जोशी यांनी सांगितले की, कारखान्याचे सांडपाणी आम्ही बाहेर पाठवत नाही व जे निर्माण होते त्यावर प्रक्रिया करून ते शक्यतो कारखान्याने वनराई केलेली आहे त्यासाठी वापरले जाते. कारखाना कार्यस्थळामध्ये दोन बंधारे बांधलेले आहेत त्यामध्ये पावसाचे पाणी साठवले जाते. कारखान्यामध्ये जो प्रत्येक शिफ्टचा भोंगा वाजतो तेवढा आवाज निर्माण होतो व कुठल्याही प्रकारचा आवाज कारखाना परिसराबाहेर जात नाही. धुलीकण जर यंत्रणेमध्ये बिघाड झाला तरच निर्माण होतात. जी राख निर्माण होते तिचा खत म्हणून वापर केला जातो. शेजारील गावांतील नागरिकांना कुठल्याही प्रकारचा हवा प्रदूषण, जल प्रदूषण, आवाज यांचा त्रास होऊ नये याची पूर्ण खबरदारी घेतलेली आहे व याची तपासणी करण्यासाठी बाहेरच्या स्वतंत्र एजन्सी नेमलेल्या आहेत व त्यांचा तपासणी अहवाल शासनाकडे सादर केला जातो.

प्रश्न क्र. १०. श्री. आनंदा धोंडीबा माळी, यळगूड, ता हातकणंगले, जि. कोल्हापूर.

कारखान्याच्या विस्तारीकरणाबद्दल सर्वप्रथम मी संचालक मंडळाचे अभिनंदन करून आभार मानतो. प्रकल्पाचे विस्तारीकरण करत असताना आपण कोणत्या प्रदूषण नियंत्रण उपकरणांचा वापर करणार आहात ?

उत्तर -

श्री. जोशी यांनी सांगितले की, हवा प्रदूषण, जल प्रदूषण यांचे प्रत्येक सेकंदाला मोजमाप केले जाते. म.प्र.नि. मंडळ व केंद्रीय प्रदूषण नियंत्रण मंडळ यांचेकडून ऑनलाईन मॉनिटरिंग केले जाते व मर्यादेपेक्षा अधिक आढळून आल्यास तात्काळ समजते. ही यंत्रणा अद्यावत असून गेली चार वर्षे कारखान्यामध्ये कार्यान्वित आहे.

डॉ. घुगरे यांनी सांगितले की, प्रकल्पाला जो पर्यावरण विषयक परवाना मिळालेला आहे व पुढे मिळणार आहे त्यामध्ये काही अटी घातलेल्या असतात व त्या अटीचे पालन केल्याबाबतचा अहवाल दर सहा महिन्याला वने, पर्यावरण व हवामान बदल मंत्रालय, नागपूर कार्यालय यांना सादर करावा लागतो. त्यानंतर त्यांचे अधिकारी कारखान्यास भेट देतात तसेच म.प्र.नि. मंडळाच्या अधिका-यांकडून महिन्यातून दोनदा पाहणी केली जाते. त्याशिवाय केंद्रीय प्रदूषण नियंत्रण मंडळाचे अधिकारी कोणतीही सूचना न देता भेट देऊन कारखान्याची पाहणी करतात व त्या प्रदूषण नियंत्रण यंत्रणा योग्यरित्या चालविल्या जातात का नाही याच्या सर्व नोंदी तपासल्या जातात.

प्रश्न क्र. ११. श्री. धनंजय गोपाळ मगदूम, गाव पट्टणकोडोली, ता. हातकणंगले, जि. कोल्हापूर.

प्रस्तावित प्रकल्पामुळे स्थानिक लोकांच्या आरोग्यावर काही परिणाम होतील का ?

उत्तर -

श्री. जोशी यांनी सांगितले की, आपल्या कारखाना परिसरामध्ये असणारी वृक्ष लागवडीमुळे ऑक्सिजनचे प्रमाण चांगले आहे त्यामुळे कारखान्यातील कामगारांचे आरोग्य चांगले आहे. शेजारील गावांमध्ये कोणत्याही प्रकारचे प्रदूषणाचा त्रास होत नसल्यामुळे कोणत्याही प्रकारचा आरोग्याचा प्रश्न निर्माण झालेला नाही व येथून पुढेही निर्माण होणार नाही याची दक्षता घेतलेली आहे.

डॉ. घुगरे यांनी सांगितले की, आमच्या सोशल सायंटिस्टनी अभ्यास क्षेत्रातील गावांतील लोकांचे वयोगटानुसार रँडम सॅपल केलेले असून जी माहिती संकलीत केलेली आहे त्यानुसार असे आढळले की, या भागातील लोकांच्या आरोग्याचा इंडेक्स हा ७० ते ७२ टक्के आहे म्हणजे या भागातील लोकांचे चांगले आरोग्य आहे. परंतु प्रदूषणास केवळ कारखाना जबाबदार नसतो, आजुबाजुचे घटक जसे नदी प्रदूषण, मैला मिश्रीत पाणी इ. घटकसुद्धा जबाबदार असतात.

प्रश्न क्र. १२. श्री. वसंत महादेव घाटगे, गाव जंगमवाडी, ता. हातकणंगले, जि. कोल्हापूर.

प्रस्तावित प्रकल्पासाठी किती लिटर पाणी लागेल व ते कोठून उपलब्ध केले जाईल ?

उत्तर -

डॉ. घुगरे यांनी सांगितले की, प्रस्तावित प्रकल्पासाठी ऊसातील पाणी वापरले जाईल. नदीचे पाणी एका टनाला १०० लिटर इतके लागेल व त्यास पाटबंधारे खात्याने परवानगी दिलेली आहे व त्यांनी दिलेल्या परवानगीच्या जवळपास ६० ते ७० टक्के पाणी आम्ही कमी वापरतो.

प्रश्न क्र. १३. श्री. अनिल चौगुले, जिल्हा पर्यावरण समिती सदस्य, कोल्हापूर, जि. कोल्हापूर.

सादरीकरणादरम्यान एका स्लाईडमध्ये घरगुती सांडपाणी प्रक्रिया केंद्र व औद्योगिक सांडपाणी प्रक्रिया केंद्र असा उल्लेख होता त्याबाबत विश्लेषण करावे. सध्या जे घरगुती सांडपाणी निर्माण होते त्यावर प्रक्रिया करण्यासाठी घरगुती सांडपाणी प्रक्रिया केंद्र उभारले आहे काय ?

उत्तर -

डॉ. घुगरे यांनी सांगितले की, कारखान्यातील कामगार आणि ज्या वसाहती आहेत त्यामधून जे घरगुती सांडपाणी निर्माण होईल त्यावर घरगुती सांडपाणी प्रक्रिया केंद्रामध्ये प्रक्रिया केली जाईल व औद्योगिक सांडपाण्यावर औद्योगिक सांडपाणी प्रक्रिया केंद्रामध्ये प्रक्रिया करून प्रक्रिया केलेले सांडपाणी झाडांसाठी वापरण्यात येईल. सद्यस्थितीत घरगुती सांडपाणी प्रक्रिया केंद्र उभारलेले नाही. वने, पर्यावरण व हवामान बदल मंत्रालयाच्या अटीनुसार घरगुती सांडपाणी प्रक्रिया केंद्र प्रस्तावित आहे.

प्रश्न क्र. १४. श्री. विजय पाटील, गाव यळगूड, ता. हातकणंगले, जि. कोल्हापूर.

वाढीव उत्पादनामुळे रोजगाराच्या संधी उपलब्ध होणार का ?

उत्तर -

श्री. जोशी यांनी सांगितले की, विस्तारीकरणासाठी ३४ कोटी रुपये भांडवली खर्च येणार आहे आणि विस्तारीकरणामुळे अतिरिक्त ९९ रोजगार निर्माण होतील.

प्रश्न क्र. १५. श्री. चंद्रकांत मारुती वड्ड, ग्रामपंचायत सदस्य.

प्रस्तावित प्रकल्पातून किती वीज निर्मिती केली जाणार आहे ?

उत्तर -

श्री. जोशी यांनी सध्या २७ मेगावॉट वीज निर्मिती होते, एकूण प्रकल्पास १४ ते १५ मेगावॉट वीज लागेल व शिल्लक राहिलेली वीज महाराष्ट्र राज्य विद्युत मंडळास पाठविली जाईल असे सांगितले.

प्रश्न क्र. १६. श्री. सुभाष आण्णासो गोटखिंडे, माजी सरपंच, ग्रामपंचायत यळगूड, ता. हातकणंगले, जि. कोल्हापूर.

कारखान्याच्या दक्षिणेला कंपाऊंडला लागून माझी शेती आहे. माझ्या शेतात ऊस व भाजीपाला पिकतात. मी कारखाना व्यवस्थापनाचे मनापासून आभार मानतो की गेली २७ वर्षे हा साखर कारखाना कार्यरत आहे व १२००० वरून १६००० मेट्रीक टन साखरेचे उत्पादन होणार आहे. माझी सूचना आहे की, १६००० ऐवजी २०००० मेट्रीक टन साखरेचे उत्पादन झाले असते तर ९० दिवसामध्ये कारखान्याचा गाळप हंगाम झाला असता व ओव्हरहेड कमी झाले असते व माझ्यासारख्या शेतक-याचा ऊस गाळपास आला असता त्यामुळे उन्हाळी सोयाबीन, भुईमुंग या सारखे पिक घेता आले असते. माझी दुसरी सूचना आहे की, कारखाना संपूर्ण यळगूड गावच्या हद्दीमध्ये असल्याने सी.एस.आर. अंतर्गत तसेच नवीन उपलब्ध होणा-या रोजगारामध्ये यळगूड गावाला झुकते माप मिळावे. माझ्या सूचनांची दखल घ्यावी.

उत्तर -

श्री. जोशी यांनी सूचना स्वागतार्ह आहे असे सांगून आतापर्यंतचे विस्तारीकरण टप्प्याटप्प्याने आर्थिक फलश्रुती काय आहे हे पाहून केलेले आहे, १२००० पासून १६००० मेट्रीक टन प्रतिदिन हा टप्पा पूर्ण झाल्यानंतर येथूनपुढे वाढणारे ऊस क्षेत्र काय आहे याचा अंदाज घेऊन व्यवस्थापनापुढे योग्यतो प्रस्ताव मांडला जाईल आणि व्यवस्थापनाच्या मान्यतेनंतर याबाबतचा प्रस्ताव शासन दरबारी दाखल केला जाईल असे सांगितले. सी.एस.आर. आणि रोजगार याबाबत सांगायचे तर जंगमवाडी, यळगूड, हुपरी, रेंदाळ आणि तळंदगे या गावांना आतापर्यंत झुकते माप राहिले आहे व यापुढेही या गावांना प्राधान्य राहिल.

प्रश्न क्र. १७. श्री. कुबेर पाटील, गाव यळगूड, ता. हातकणंगले, जि. कोल्हापूर.

कारखान्याच्या विस्तारीकरणास माझ्या शुभेच्छा आहेत. माझी सूचना आहे की, कारखाना स्थापनेपासून आजपर्यंत जे रस्ते पूर्वी होते तसेच आज आहेत. शासनाने व कारखान्याने रस्ते विस्तारीकरण करावे, पूर्वी वाहतूक कमी होती विस्तारीकरणामुळे वाढ झालेली आहे, त्यामुळे कारखाना कार्यक्षेत्रातील गावांना त्रास कमी होईल याचा कारखाना व्यवस्थापनाने विचार करावा.

उत्तर -

श्री. जोशी यांनी सूचना स्वागतार्ह आहे असे सांगून कारखान्याकडे येणारी जाणारी वाहने असल्याने लोकप्रतिनिधी, जिल्हाधिकारी कार्यालय, राज्य शासनाने याची दखल घेऊन रस्त्यांचे रुंदीकरण कांही ठिकाणी डांबरीकरण हाती घेतलेले आहे व यापुढेही शासन दरबारी कारखाना व्यवस्थापनामार्फत याबाबत पाठपुरावा केला जाईल.

प्रश्न क्र. १८. श्री. विलास खानविलकर, माजी जिल्हापरिषद सदस्य, राहणार रेंदाळ, ता. हातकणंगले, जि. कोल्हापूर.

साखर कारखान्याचे विस्तारीकरण होणार आहे. या परिसरात, तेरा गावांच्या कमांड एरियाचा विचार केला तर कारखान्याचे विस्तारीकरण होणे गरजेचे आहे. २५०० मेट्रीक टन प्रतिदिन पासून १२००० मेट्रीक टन प्रतिदिन कारखान्याचे विस्तारीकरण होत असतानादेखील पर्यावरण व प्रदूषणाचा प्रश्न निर्माण झालेला होता. कारखाना सुरु झाल्यापासूनच कारखान्याचे अध्यक्ष व संचालक मंडळ यांनी पर्यावरण व प्रदूषणाची काळजी घेतलेली होती. कारखाना उभा करण्यापुर्वी झाडे लावलेली होती. ज्यावेळी कारखान्याचे १२००० मेट्रीक टन प्रतिदिन इतके विस्तारीकरण झाले त्यावेळी आम्ही म्हणत होतो की, चिमणीवाटे निघणारे धूर व राख यामुळे प्रदूषण होऊन रोगराई होईल किंवा कारखान्याचे सांडपाणी बाहेर सोडल्यामुळे प्रदूषण होईल. पण कारखान्याने सांडपाणी बाहेर सोडले नाही व जंगमवाडी येथे १०० एकर ऊसासाठी दिले तेथे नदीचे पाणी येत नाही तसेच भुईमुंग, शाळू या व्यतिरिक्त कोणतेही पिक जेथे येत नव्हते तेथे १०० एकर ऊस कारखान्याच्या पाण्यावर अवलंबून आहे. श्री. गोटखिंडे, माजी सरपंच यांच्या मताशी मी सहमत आहे, कारखाना १६००० ऐवजी २०००० मेट्रीक टन क्षमतेचा झाला असता तर या भागाचे चांगले झाले असते. आताची परिस्थिती बघितली तर विस्तारीकरणाची गरज आहे त्यामुळे त्यास मंजूरी द्यावी.

प्रश्न क्र. १९. सरपंच, ग्रामपंचायत तळदगे, ता. हातकणंगले, जि. कोल्हापूर.

आमचे गाव ७ किमी अंतरावर आहे. आमच्या गावाला कारखान्यापासून कोणताही त्रास नाही. सी.एस.आर. मधून आमच्या गावालासुद्धा सहकार्य करावे ही विनंती.

उत्तर -


श्री. जोशी यांनी सूचना स्वागतार्ह आहे असे सांगून तळदगे गावामध्ये कारखाना ठिबक सिंचन फुल अॅटोमेशन योजना राबवत आहे व यापुढेही अशा काही योजना आल्या तर त्या योजना या चार पाच गावामध्ये राबविण्यात येतील असे सांगितले.

प्रश्न क्र. २०. सौ. शालन रावसाहेब पाटील, सरपंच, ग्रामपंचायत इंगळी, ता. हातकणंगले, जि. कोल्हापूर.

कारखान्यापासून आमचे गाव जवळच आहे, आमच्या गावाला कारखान्यापासून कुठल्याही बाबतीत त्रास नाही. या कारखान्यामध्ये आमच्या गावचे भरपूर मजूर काम करतात. आमची कारखान्याबाबत कोणतीही तक्रार नाही.

वरील चर्चेनंतर जनसुनावणीचे अध्यक्ष मा. श्री. भाऊसाहेब गलांडे यांनी सांगितले की, केंद्र सरकारच्या नियमांनुसार साखर कारखान्याचे विस्तारीकरणाबाबतच्या प्रक्रियेनुसार ही जनसुनावणी घेण्यात येत आहे. त्यासाठी आज आपण सर्वजन उपस्थित राहून आपली मते मांडली. आपण जे मत व्यक्त केलेले आहे त्याची जनसुनावणी समितीमार्फत जशीच्या तशी नोंद घेण्यात आलेली असून जनसुनावणीचे इतिवृत्त केंद्रीय पर्यावरण व वने मंत्रालयास सादर केले जाईल.

यानंतर मा. अध्यक्षांनी सर्व नागरीकांनी जनसुनावणीमध्ये उत्स्फूर्तपणे सहभाग घेतला व शांततेमध्ये आपली मते मांडून पर्यावरणविषयक जाहीर जनसुनावणी पार पाडण्यासाठी सहकार्य केले त्याबद्दल त्यांचे व इतर सर्व उपस्थितांचे आभार मानून जनसुनावणी संपल्याचे घोषित केले.



(प्रशांत गायकवाड)

समन्वयक

तथा

उप प्रादेशिक अधिकारी,
म.प्र.नि. मंडळ, कोल्हापूर



(रविंद्र आंधळे)

सदस्य

तथा

प्रादेशिक अधिकारी,
म.प्र.नि. मंडळ, कोल्हापूर



(भाऊसाहेब गलांडे)

अध्यक्ष

तथा

अपर जिल्हा दंडाधिकारी
कोल्हापूर

As per EIA notification 14th September 2006 and standard ToR's issued by EAC, MoEFCC, New Delhi Letter No. IA-J-11011/38/2016-IA II (I) dated 30.03.2019; JSSSKL has conducted Public Hearing (PH) on 12.12.2019 for expansion of sugar factory from 12,000 TCD to 16,000 TCD.

Details of Public Hearing (PH)

Date of PH : 12.12.2019

Place of PH : At the Factory site - M/s. Jawahar Shetakari Sahakari Sakhar Karkhana Ltd. (JSSSKL) Gat No.: 315/7 to 315/15, Tal.- Hatkanangale, Dist.-Kolhapur, Maharashtra.

Advertisement given : 08.11.2019

News Paper : (Times of India and Dainik Pudhari)

Copies of News Paper Enclosed at **Appendix - P**

Members Present

:

1	Mr. Bhausahab Galande	Chairman/ President
	Additional District Magistrate, Kolhapur, MS	
2	Mr. Ravindra Andhale	Member
	Regional Officer (RO), MPCB, Kolhapur	
2	Mr. Prashant Gaikwad.	Convener
	Sub-Regional Officer (SRO), MPCB, Kolhapur	

Minutes of public Hearing

No	Issues By Public	Points Represented	Response / Commitment of PP with Budget & time Line
1	Shri Suresh Amgonda Bhojkar	What plans do industry have for planting trees in the working area and factory premises of the sugar factory?	<p>Action Plan: JSSSKL has already developed an area of about 34.3 Ha. (34.5% of total plot area) under green belt. There under, about 62279 trees are planted. Under 16000 TCD sugar factory, industry will augment 5% of area i.e. 4.9 Ha. under green belt.</p> <p>Budget: A budget of Rs. 10 Lakhs is allocated for augmentation of greenbelt.</p> <p>Timeline: Work is in process.</p> <p>Existing total 62279 nos. of trees have been planted in the factory premises. Out of the total plot of 246 Acres (99.57 Ha.) 83.20 Acres (34 Ha.) area comes under green belt. This comes to about 34 % of total plot area. Details and Photographs of green belt are enclosed. Annexure -</p>
2	Shri Vaman Bhaskar Kamble, resident of Rendal, Tal- Hatkanangale, Dist- Kolhapur	What will be the benefit of the proposed project to Rendal, Huprai, Yalgud, Rangoli and Jangamwadi villages adjacent to the sugar factory?	<p>Action Plan: JSSSKL has already given employment to 1283 persons. Under existing sugar factory about under 16000 TCD sugar factory, about 99 Persons given employment around nearby village. The treated waste water of the factory is supplied to sugar cane production on 100 acres of land in Jungumwadi Village,</p> <p>Timeline : is in process</p>
3	Shri Appasaheb Patil, resident of Pattankodoli, Tal- Hatkanangale, Dist-	What kinds of polluted water will be generated from the proposed project and what will be its quantity?	<p>Action Plan: Effluent generated from sugar factory will be treated in existing ETP comprising of Primary-secondary-tertiary treatment. ETP</p>

No	Issues By Public	Points Represented	Response / Commitment of PP with Budget & time Line
	Kolhapur		<p>consist of Bar screen, Oil & Grease Chamber, Equalization Tanks (2 Nos.), Anaerobic Digester (2 Nos.), Surface Aeration Tank, Pri. Clarifier, Storage tank, Diffuse Aeration Tanks (2 Nos.), Sec. Clarifier (2 Nos.) Storage Tank, Pressure Sand Filter & Treated water sump.</p> <p>Domestic effluent will be treated in proposed STP.</p> <p>Budget : Rs. 10 Lakhs is allocated for up-gradation of ETP, and Rs. 50 Lakhs allocated towards installation of STP.</p> <p>Timeline : In our existing old aeration system discarded and set up new Diffused aeration system – Approx cost is 6.50 Lakh.</p> <p>STP work is in progress, work will complete in November month. STP and their Civil work approx. cost is - 45 Lakh.</p>
4	Shri Santkumar Paygonda Bhojkar, resident of Talandage, Tal-Hatkanangale, Dist- Kolhapur	We have attended this public hearing in response to the notice published by MPCB. Much information is given during the presentation, but most importantly, does the factory periodically check the waste water quality, air pollution, noise generated by the project? Will you continue to check the same from here on, and if so, through which agency are you going to monitor the same?	<p>Action plan: The industrial effluent generated from expansion project will be treated in existing ETP and sewage will be treated in proposed STP. Also, ETP is equipped with Online Continuous Monitoring System (OCMS) and same is connected to CPCB server. Moreover, periodic checking and inspection is carried by MPCB to check the quality of effluent. Secondly, to control air pollution, ESP and adequate stack height is provided to boilers. Also, OCMS is installed to stacks and connected to CPCB server. Lastly, Ambient and Workzone noise monitoring is periodically carried out to check noise levels in and around industrial premises and noise control is done by through acoustic enclosures.</p> <p>Budget : Rs. 10 Lakhs is allocated for up-gradation of ETP, and Rs. 50 Lakhs allocated towards installation of STP.</p> <p>Timeline : In our existing old aeration system discarded and set up new</p>

No	Issues By Public	Points Represented	Response / Commitment of PP with Budget & time Line
			<p>Diffused aeration system – Approx cost is 6.50 Lakh.</p> <p>STP work is in progress, work will complete in November month. STP and their Civil work approx. cost is - 45 Lakh.</p>
5	Shri Ananda Dhondi Mali, resident of Yalgud, Tal- Hatkanangale, Dist- Kolhapur	First of all I congratulate the board of directors and thank them for the proposed project. Which pollution control equipment's are you going to provide after expansion?	<p>Action Plan: Effluent will be treated in its existing ETP which will be duly upgraded under expansion. Domestic effluent will be treated in proposed STP. ESPs as APC equipment is installed to existing boilers to control air emissions from existing as well as expansion projects.</p> <p>Budget: A budget of Rs. 10 Lakhs is allocated for up-gradation of ETP, and Rs. 50 Lakhs allocated towards installation of STP. Also, it is decided to invest Rs. 15 lakhs for noise pollution control.</p> <p>Timeline: In our existing old aeration system discarded and set up new Diffused aeration system – Approx cost is 6.50 Lakh.</p> <p>STP work is in progress, work will complete in November month. STP and their Civil work approx. cost is - 45 Lakh.</p>
6	Shri Dhananjay Gopal Magdum, resident of Pattankodoli, Tal- Hatkanangale, Dist- Kolhapur	Will the proposed project have an impact on the health of the locals?	<p>Action Plan: JSSSKL has already developed an area of about 34.3 Ha. (34.5% of total plot area) under green belt. Thereunder about 62279 trees are planted. After expansion of sugar factory, industry will augment 5% of area i.e. 4.9 Ha. Under green belt. Total Green belt after expansion will be 39.3 Ha. (39.5 % of total plot area).</p> <p>Budget: Rs. 7 Lakhs allocated for augmentation of greenbelt.</p>

No	Issues By Public	Points Represented	Response / Commitment of PP with Budget & time Line
			Timeline : Work is in progress
7	Shri Vijay Patil, resident of Yalgud, Tal- Hatkanangale, Dist- Kolhapur	Will increased production provide employment opportunities?	Action Plan: JSSSKL has already given employment to 1283 persons. Under existing sugar factory about expansion of sugar factory, about 99 Persons will be employed. Timeline : is in process
8	Sarpanch of Grampanchayat Talandge, Tal: Hatkanangale, Dist: Kolhapur	Our village is at a distance of 7 kms from the sugar factory. Our village has no nuisance from the factory. I request that our village should also be given help under CSR/CER program.	Action Plan: Under proposed expansion project, industry will spend Rs. 260 lakhs under CER program. Out of that, Rs. 50 Lakhs are allocated for drip irrigation in surrounding 4-5 villages. Budget: A budget of Rs. 50 Lakhs is allocated towards Drip irrigation under CER activities. Timeline: Work is in process

Annexure VII
Photographs of OCMS provided at
our sugar factory



Dust monitor unit for Total Particulate Matter for 75 mtr.height stack



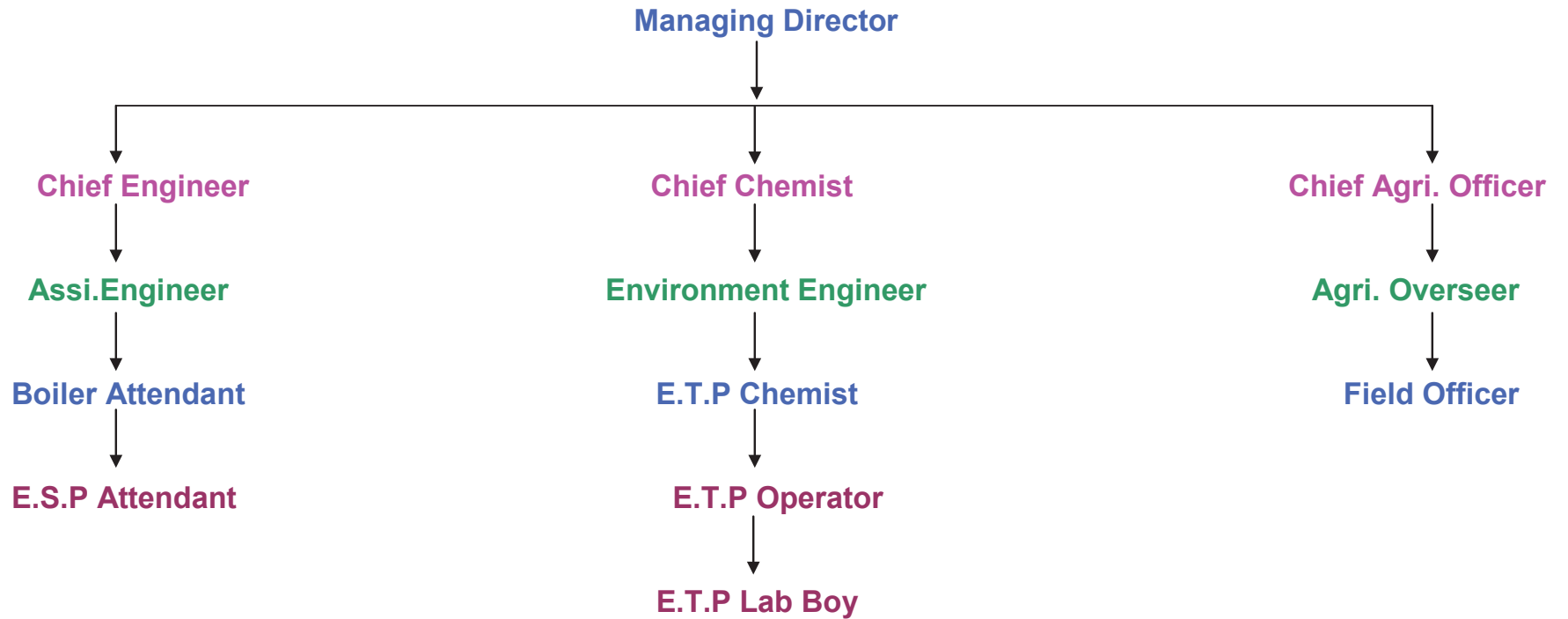
Analyzer for outlet Treated Water - for parameter pH, T.S.S, C.O.D & BOD measurement.

Annexure VIII
Structure of Environment
management cell

Jawahar Shetkari Sahakari Sakhar Karkhana Ltd., Hupari

Shri Kallappaanna Awadenagar, Hupari-Yalgud 416 203,
Tal. Hatkanangale, Dist. Kolhapur (Maharashtra)

Environmental Management Cell



Annexure IX
Copy of monitoring reports

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION, OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.), PH.: (0231) 2531231, MOBILE: 9657865122
- Website : www.equinoxenvi.com
- E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com

DATE: DECEMBER 02, 2020

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/397
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	24.11.2020

RESULTS

SR. NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Main Gate	
02	Time of Sampling	10:00 A.M.	
03	Ambient Temperature	28.0 °C	
04	Dry Bulb Temperature	28.0 °C	
05	Wet Bulb Temperature	19.0 °C	
06	Relative Humidity	42.1 %	
07	Sampling Duration	60 Min.	
08	Particulate Matter (PM ₁₀)	64.23 µg/cum	100 µg/cum
09	Sulphur Dioxide (SO ₂)	20.45 µg/cum	80 µg/cum
10	Oxides of Nitrogen (NO _x)	26.71 µg/cum	80 µg/cum

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B - 29016 / 20 / 90 / PCI - I, New Delhi, the 18th November 2009.



Dr. Sandip Mangalekar
(Dy. Head Monitoring)

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION, OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.), PH.: (0231) 2531231, MOBILE: 9657865122
- Website : www.equinoxenvi.com
- E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com

DATE: DECEMBER 02, 2020

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/398
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	24.11.2020

RESULTS

SR.NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near ETP	
02	Time of Sampling	10:10 A.M.	
03	Ambient Temperature	28.0 °C	
04	Dry Bulb Temperature	28.0 °C	
05	Wet Bulb Temperature	19.0 °C	
06	Relative Humidity	42.1 %	
07	Sampling Duration	60 Min.	
08	Particulate Matter (PM ₁₀)	59.23 µg/cum	100 µg/cum
09	Sulphur Dioxide (SO ₂)	20.95 µg/cum	80 µg/cum
10	Oxides of Nitrogen (NO _x)	24.76 µg/cum	80 µg/cum

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory-M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No.B - 29016 / 20 / 90 / PCI - I, New Delhi, the 18th November 2009.


Dr. Sandip Mangalekar
(Dy. Head Monitoring)

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION, OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.), PH.: (0231) 2531231, MOBILE: 9657865122
- Website : www.equinoxenvi.com
- E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com

DATE: DECEMBER 02, 2020

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/399
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	24.11.2020

RESULTS

SR.NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Bagass Yard	
02	Time of Sampling	10:20 A.M.	
03	Ambient Temperature	28.0 °C	
04	Dry Bulb Temperature	28.0 °C	
05	Wet Bulb Temperature	19.0 °C	
06	Relative Humidity	42.1 %	
07	Sampling Duration	60 Min.	
08	Particulate Matter (PM ₁₀)	67.86 µg/cum	100 µg/cum
09	Sulphur Dioxide (SO ₂)	20.43 µg/cum	80 µg/cum
10	Oxides of Nitrogen (NO _x)	25.50 µg/cum	80 µg/cum

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory-M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No.B - 29016 / 20 / 90 / PCI - I, New Delhi, the 18th November 2009.



Dr. Sandip Mangalekar
(Dy. Head Monitoring)

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION,
OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.),
PH.: (0231) 2531231, MOBILE: 9657865122
- Website : www.equinoxenvi.com
- E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com

DATE: DECEMBER 02, 2020

SOURCE EMISSION MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/400
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site:	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	24.11.2020
Time :	10:45 A.M.

RESULTS

SR. NO.	TEST DESCRIPTION	READING
01	Location	Boiler Stack 1
02	Material of Stack	RCC
03	Stack Height from Ground Level	75 M
04	Type of Stack	Round
05	Flue Gas Temperature	168°C (441 K)
06	Differential Pressure	2.30 mm Wg
07	Velocity	6.05 m/sec
08	Stack Diameter	4.73 m
09	Stack Area	17.5627 m ²
10	Gas Volume	269807.59 Nm ³ /Hr

FLUE GAS QUALITY

SR.NO.	PARAMETER	VALUE
01	Suspended Particulate Matter (SPM)	62.83 mg/Nm ³
02	Sulphur Dioxide (SO ₂)	45.74 mg/Nm ³
		284.09 Kg /Day

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory-M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- Maharashtra Pollution Control Board (MPCB) Limits - SPM: 150 mg / Ncum
- Maharashtra Pollution Control Board (MPCB) Limits - SO₂: As per Consent.


Dr. Sandip Mangalekar
(Dy. Head Monitoring)

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION, OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.), PH.: (0231) 2531231, MOBILE: 9657865122
- Website : www.equinoxenvi.com
- E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com

DATE: DECEMBER 02, 2020

SOURCE EMISSION MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/401
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site:	Ap.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	24.11.2020
Time :	12:00 P.M.

RESULTS

SR. NO.	TEST DESCRIPTION	READING
01	Location	Boiler Stack 2
02	Material of Stack	RCC
03	Stack Height from Ground Level	72 M
04	Type of Stack	Round
05	Flue Gas Temperature	175 °C (448 K)
06	Differential Pressure	3.00 mm Wg
07	Velocity	6.96 m/sec
08	Stack Diameter	3.00 m
09	Stack Area	7.0650 m ²
10	Gas Volume	117962.86 Nm ³ /Hr

FLUE GAS QUALITY

SR.NO.	PARAMETER	VALUE
01	Suspended Particulate Matter (SPM)	58.42 mg/Nm ³
02	Sulphur Dioxide (SO ₂)	35.65 mg/Nm ³
		100.93Kg /Day

Note:

- The analysis has been conducted in a MoEFCC, New Delhi approved and NABL accredited laboratory-M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- Maharashtra Pollution Control Board (MPCB) Limits - SPM: 150 mg / Ncum
- Maharashtra Pollution Control Board (MPCB) Limits - SO₂: As per Consent.


Dr. Sandip Mangalekar
(Dy. Head Monitoring)

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION, OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.), PH.: (0231) 2531231, MOBILE: 9657865122
- Website : www.equinoxenvi.com
- E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com

DATE: DECEMBER 02, 2020

AMBIENT NOISE LEVEL MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/402
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Date of Sampling:	24.11.2020.
Time:	01:15 P.M.

RESULTS

SR. NO.	LOCATION	READINGS dB(A)	LIMIT dB(A)
01	Near Main Gate	64.2	75
02	Near ETP	66.1	75
03	Near Bagas Section	68.2	75
04	Near Sugar Godown	62.9	75
05	Near Cane Yard	71.6	75

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- Maharashtra Pollution Control Board (MPCB) has prescribed 75 dB (A) as an upper limit of Noise Level during the Day Time & 70 dB (A) during the Night Time



Dr. Sandip Mangalekar
(Dy. Head Monitoring)

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION,
OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.),
PH.: (0231) 2531231, MOBILE: 9657865122
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- E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com



DATE: DECEMBER 02, 2020

WORKZONE NOISE LEVEL MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/403
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Date of Sampling:	24.11.2020.
Time:	02:00 P.M.

RESULTS

SR. NO.	LOCATION	READINGS dB(A)	LIMIT dB(A) (Refer Note Below)
01	Centrifugal Section	82.2	90
02	Turbine Section	72.3	90
03	Boiler Section	86.0	90
04	Mill Section	84.1	90
05	Pan Section	97.5	90

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- The Factories' Act, 1948 has prescribed Noise Level threshold limit for 8 hours' exposure as 90 dB (A).

Dr. Sandip Mangalekar
(Dy. Head Monitoring)

■ ENVIRONMENTAL, CIVIL & CHEMICAL ENGINEERS,
CONSULTANTS AND ANALYSTS

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION,
OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.), PH.: (0231) 2531231,
TELEFAX : (0231) 2526337, MOBILE : (0) 9657865122
- F-502, FIFTH FLOOR, NANDANVAN TOWER, MUMBAI-PUNE HIGHWAY,
PANVEL - 410 206 (M.S.), MOBILE : +91 9822882822
- OFFICE NO: 67, 4th FLOOR, KUNAL PLAZA, CHINCHWAD CHOWK,
PUNE - 411 018 (M.S.), MOBILE : +91 9890150522
- Website : www.equinoxenvi.com
- E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com



DATE: DECEMBER 21, 2020

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/592
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	12.12.2020

RESULTS

SR. NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Main Gate	
02	Time of Sampling	09:40 A.M.	
03	Ambient Temperature	27.0 °C	
04	Dry Bulb Temperature	27.0 °C	
05	Wet Bulb Temperature	17.0 °C	
06	Relative Humidity	35.5 %	
07	Sampling Duration	60 Min.	
08	Particulate Matter (PM ₁₀)	63.86 µg/cum	100 µg/cum
09	Sulphur Dioxide (SO ₂)	19.45 µg/cum	80 µg/cum
10	Oxides of Nitrogen (NO _x)	24.90 µg/cum	80 µg/cum

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B - 29016 / 20 / 90 / PCI - I, New Delhi, the 18th November 2009.


Dr. Sandip Mangalekar
 (Dy. Head Monitoring)

■ ENVIRONMENTAL & CIVIL ENGINEERS,
CONSULTANTS AND ANALYSTS

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION,
OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.) PH.: (0231) 2531231,
TELEFAX : (0231) 2526337 MOBILE : (0) 9657865122, (0) 9881121522
- Website : www.equinoxenvi.com
- E-mail : projects@equinoxenvi.com, enquiry@equinoxenvi.com,
customercare@equinoxenvi.com



DATE: DECEMBER 02, 2020

EFFLUENT SAMPLE ANALYSIS REPORT

Report No.:	EEIPL/REP/2020.21/404
Client:	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site:	A/p.: Hupari, Dist.: Kolhapur.
Location:	Effluent Treatment Plant.
Plant Condition:	ETP in Operation.
Date of Sampling:	24.11.2020.
Analysis Date:	25.11.2020.
Sample Name:	Industrial Effluent – Untreated & Treated

RESULTS

SR. NO.	TEST DESCRIPTION	UNTREATED	TREATED	MPCB LIMIT	UNIT
01	pH	2.85	7.67	6.5-8.5	--
02	Suspended Solids (SS)	163.74	21.47	100	mg/lit
03	Total Dissolved Solids (TDS)	2258.32	782.30	2100	mg/lit
04	Chemical Oxygen Demand (COD)	2923.95	70.12	250	mg/lit
05	Biochemical Oxygen Demand (BOD)	1290.44	25.01	100	mg/lit
06	Chlorides as Cl ⁻	675.42	190.36	600	mg/lit
07	Sulphates as SO ₄ ⁻²	563.51	145.29	1000	mg/lit
08	Oil & Grease	2.11	BDL	10	mg/lit

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- BDL: Below Detectable Limit.

Dr. Sandip Mangalekar
(Dy. Head Monitoring)

■ ENVIRONMENTAL; CIVIL & CHEMICAL ENGINEERS,
CONSULTANTS AND ANALYSTS

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION,
OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.), PH.: (0231) 2531231,
TELEFAX : (0231) 2526337, MOBILE : (0) 9657865122
- F-502, FIFTH FLOOR, NANDANVAN TOWER, MUMBAI-PUNE HIGHWAY,
PANVEL - 410 206 (M.S.), MOBILE : +91 9822882822
- OFFICE NO: 67, 4th FLOOR, KUNAL PLAZA, CHINCHWAD CHOWK,
PUNE - 411 018 (M.S.), MOBILE : +91 9890150522
- Website : www.equinoxenvi.com
- E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com



DATE: DECEMBER 21, 2020

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/593
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	12.12.2020

RESULTS

SR.NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near ETP	
02	Time of Sampling	09:50 A.M.	
03	Ambient Temperature	27.0 °C	
04	Dry Bulb Temperature	27.0 °C	
05	Wet Bulb Temperature	17.0 °C	
06	Relative Humidity	35.5 %	
07	Sampling Duration	60 Min.	
08	Particulate Matter (PM ₁₀)	61.86 µg/cum	100 µg/cum
09	Sulphur Dioxide (SO ₂)	22.75 µg/cum	80 µg/cum
10	Oxides of Nitrogen (NO _x)	26.02 µg/cum	80 µg/cum

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No.B – 29016 / 20 / 90 / PCI – I, New Delhi, the 18th November 2009.

Dr. Sandip Mangalekar
(Dy. Head Monitoring)

■ ENVIRONMENTAL; CIVIL & CHEMICAL ENGINEERS,
CONSULTANTS AND ANALYSTS

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION,
OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.), PH.: (0231) 2531231,
TELEFAX : (0231) 2526337, MOBILE : (0) 9657865122
- F-502, FIFTH FLOOR, NANDANVAN TOWER, MUMBAI-PUNE HIGHWAY,
PANVEL - 410 206 (M.S.), MOBILE : +91 9822882822
- OFFICE NO: 67, 4th FLOOR, KUNAL PLAZA, CHINCHWAD CHOWK,
PUNE - 411 019 (M.S.), MOBILE : +91 9890150522
- Website : www.equinoxenvi.com
- E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com



DATE: DECEMBER 21, 2020

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/594
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	12.12.2020

RESULTS

SR.NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Bagass Yard	
02	Time of Sampling	10:00 A.M.	
03	Ambient Temperature	27.0 °C	
04	Dry Bulb Temperature	27.0 °C	
05	Wet Bulb Temperature	17.0 °C	
06	Relative Humidity	35.5 %	
07	Sampling Duration	60 Min.	
08	Particulate Matter (PM ₁₀)	69.23 µg/cum	100 µg/cum
09	Sulphur Dioxide (SO ₂)	24.85 µg/cum	80 µg/cum
10	Oxides of Nitrogen (NO _x)	26.90 µg/cum	80 µg/cum

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No.B – 29016 / 20 / 90 / PCI – I, New Delhi, the 18th November 2009.

Dr. Sandip Mangalekar
(Dy. Head Monitoring)

■ ENVIRONMENTAL, CIVIL & CHEMICAL ENGINEERS,
CONSULTANTS AND ANALYSTS

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION,
OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.), PH.: (0231) 2531231,
TELEFAX : (0231) 2526337, MOBILE : (0) 9657865122
- F-502, FIFTH FLOOR, NANDANVAN TOWER, MUMBAI-PUNE HIGHWAY,
PANVEL - 410 206 (M.S.), MOBILE : +91 9822882822
- OFFICE NO: 67, 4th FLOOR, KUNAL PLAZA, CHINCHWAD CHOWK,
PUNE - 411 018 (M.S.), MOBILE : +91 9890150522
- Website : www.equinoxenvi.com
- E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com



DATE: DECEMBER 21, 2020

SOURCE EMISSION MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/595
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site:	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	12.12.2020
Time :	10:30 A.M.

RESULTS

SR. NO.	TEST DESCRIPTION	READING
01	Location	Boiler Stack 1
02	Material of Stack	RCC
03	Stack Height from Ground Level	75 M
04	Type of Stack	Round
05	Flue Gas Temperature	171°C (444 K)
06	Differential Pressure	1.50 mm Wg
07	Velocity	4.90 m/sec
08	Stack Diameter	4.73 m
09	Stack Area	17.5627 m ²
10	Gas Volume	208284.81 Nm ³ /Hr

FLUE GAS QUALITY

SR.NO.	PARAMETER	VALUE
01	Suspended Particulate Matter (SPM)	59.23 mg/Nm ³
02	Sulphur Dioxide (SO ₂)	39.15 mg/Nm ³
		195.70 Kg /Day

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- Maharashtra Pollution Control Board (MPCB) Limits - SPM: 150 mg / Ncum
- Maharashtra Pollution Control Board (MPCB) Limits - SO₂: As per Consent.

Dr. Sandip Mangalekar
(Dy. Head Monitoring)

■ ENVIRONMENTAL, CIVIL & CHEMICAL ENGINEERS,
CONSULTANTS AND ANALYSTS

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION,
OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.), PH.: (0231) 2531231,
TELEFAX : (0231) 2526337, MOBILE : (0) 9657865122
- F-502, FIFTH FLOOR, NANDANVAN TOWER, MUMBAI-PUNE HIGHWAY,
PANVEL - 410 206 (M.S.), MOBILE : +91 9822882822
- OFFICE NO: 67, 4th FLOOR, KUNAL PLAZA, CHINCHWAD CHOWK,
PUNE - 411 019 (M.S.), MOBILE : +91 9890150522
- Website : www.equinoxenvi.com
- E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com



DATE: DECEMBER 21, 2020

SOURCE EMISSION MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/596
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site:	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	12.12.2020
Time :	12:10 P.M.

RESULTS

SR. NO.	TEST DESCRIPTION	READING
01	Location	Boiler Stack 2
02	Material of Stack	RCC
03	Stack Height from Ground Level	72 M
04	Type of Stack	Round
05	Flue Gas Temperature	178 °C (451 K)
06	Differential Pressure	1.90 mm Wg
07	Velocity	4.60 m/sec
08	Stack Diameter	3.00 m
09	Stack Area	7.0650 m ²
10	Gas Volume	93564.74 Nm ³ /Hr

FLUE GAS QUALITY

SR.NO.	PARAMETER	VALUE
01	Suspended Particulate Matter (SPM)	55.63 mg/Nm ³
02	Sulphur Dioxide (SO ₂)	32.01 mg/Nm ³
		71.88 Kg /Day

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- Maharashtra Pollution Control Board (MPCB) Limits - SPM: 150 mg / Ncum
- Maharashtra Pollution Control Board (MPCB) Limits - SO₂: As per Consent.

Dr. Sandip Mangalekar
(Dy. Head Monitoring)

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CONSULTANTS AND ANALYSTS

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION,
OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.), PH.: (0231) 2531231,
TELEFAX : (0231) 2526337, MOBILE : (0) 9657865122
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PUNE - 411 018 (M.S.), MOBILE : +91 9890150522
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- E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com



DATE: DECEMBER 21, 2020

AMBIENT NOISE LEVEL MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/597
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Date of Sampling:	12.12.2020.
Time:	01:30 P.M.

RESULTS

SR. NO.	LOCATION	READINGS dB(A)	LIMIT dB(A)
01	Near Main Gate	63.5	75
02	Near ETP	65.4	75
03	Near Bagas Section	65.9	75
04	Near Sugar Godown	63.1	75
05	Near Cane Yard	72.0	75

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- Maharashtra Pollution Control Board (MPCB) has prescribed 75 dB (A) as an upper limit of Noise Level during the Day Time & 70 dB (A) during the Night Time

Dr. Sandip Mangalekar
(Dy. Head Monitoring)

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CONSULTANTS AND ANALYSTS

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION,
OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.), PH.: (0231) 2531231,
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- E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com



DATE: DECEMBER 21, 2020

WORKZONE NOISE LEVEL MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/598
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Date of Sampling:	12.12.2020.
Time:	02:30 P.M.

RESULTS

SR. NO.	LOCATION	READINGS dB(A)	LIMIT dB(A) (Refer Note Below)
01	Centrifugal Section	83.4	90
02	Turbine Section	75.1	90
03	Boiler Section	84.8	90
04	Mill Section	86.3	90
05	Pan Section	87.0	90

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- The Factories' Act, 1948 has prescribed Noise Level threshold limit for 8 hours' exposure as 90 dB (A).

Dr. Sandip Mangalekar
(Dy. Head Monitoring)

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CONSULTANTS AND ANALYSTS

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION,
OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.), PH.: (0231) 2531231,
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DATE: DECEMBER 21, 2020

EFFLUENT SAMPLE ANALYSIS REPORT

Report No.:	EEIPL/REP/2020.21/599
Client:	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site:	A/p.: Hupari, Dist.: Kolhapur.
Location:	Effluent Treatment Plant.
Plant Condition:	ETP in Operation.
Date of Sampling:	12.12.2020.
Analysis Date:	14.12.2020.
Sample Name:	Industrial Effluent – Untreated & Treated

RESULTS

SR. NO.	TEST DESCRIPTION	UNTREATED	TREATED	MPCB LIMIT	UNIT
01	pH	3.01	7.75	6.5-8.5	--
02	Suspended Solids (SS)	156.85	19.02	100	mg/lit
03	Total Dissolved Solids (TDS)	2856.32	695.83	2100	mg/lit
04	Chemical Oxygen Demand (COD)	3169.80	65.27	250	mg/lit
05	Biochemical Oxygen Demand (BOD)	1210.49	23.85	100	mg/lit
06	Chlorides as Cl ⁻	765.92	180.30	600	mg/lit
07	Sulphates as SO ₄ ⁻	650.37	136.92	1000	mg/lit
08	Oil & Grease	2.36	BDL	10	mg/lit

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- BDL: Below Detectable Limit.

Dr. Sandip Mangalekar
(Dy. Head Monitoring)

■ ENVIRONMENTAL, CIVIL & CHEMICAL ENGINEERS,
CONSULTANTS AND ANALYSTS

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION,
OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.), PH.: (0231) 2531231,
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DATE: JANUARY 21, 2021

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/691
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	14.01.2021

RESULTS

SR. NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Main Gate	
02	Time of Sampling	10:30 A.M.	
03	Ambient Temperature	28.0 °C	
04	Dry Bulb Temperature	28.0 °C	
05	Wet Bulb Temperature	18.0 °C	
06	Relative Humidity	36.8 %	
07	Sampling Duration	60 Min.	
08	Particulate Matter (PM ₁₀)	59.23 µg/cum	100 µg/cum
09	Sulphur Dioxide (SO ₂)	18.02 µg/cum	80 µg/cum
10	Oxides of Nitrogen (NO _x)	21.44 µg/cum	80 µg/cum

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B – 29016 / 20 / 90 / PCI – I, New Delhi, the 18th November 2009.


Dr. Sandip Mangalekar
(Dy. Head Monitoring)

DATE: JANUARY 21, 2021

■ ENVIRONMENTAL; CIVIL & CHEMICAL ENGINEERS,
CONSULTANTS AND ANALYSTS

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION,
OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.), PH.: (0231) 2531231,
TELEFAX : (0231) 2526337, MOBILE : (0) 9657865122
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AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/692
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	14.01.2021

RESULTS

SR.NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near ETP	
02	Time of Sampling	10:40 A.M.	
03	Ambient Temperature	28.0 °C	
04	Dry Bulb Temperature	28.0 °C	
05	Wet Bulb Temperature	18.0 °C	
06	Relative Humidity	36.8 %	
07	Sampling Duration	60 Min.	
08	Particulate Matter (PM ₁₀)	59.86 µg/cum	100 µg/cum
09	Sulphur Dioxide (SO ₂)	20.14 µg/cum	80 µg/cum
10	Oxides of Nitrogen (NO _x)	24.67 µg/cum	80 µg/cum

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No.B – 29016 / 20 / 90 / PCI – I, New Delhi, the 18th November 2009.

Dr. Sandip Mangalekar
(Dy. Head Monitoring)

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CONSULTANTS AND ANALYSTS

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION,
OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.), PH.: (0231) 2531231,
TELEFAX : (0231) 2526337, MOBILE : (0) 9657865122
- F-502, FIFTH FLOOR, NANDANVAN TOWER, MUMBAI-PUNE HIGHWAY,
PANVEL - 410 206 (M.S.), MOBILE : +91 9822882822
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DATE: JANUARY 21, 2021

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/693
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	14.01.2021

RESULTS

SR.NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Bagass Yard	
02	Time of Sampling	10:55 A.M.	
03	Ambient Temperature	29.0 °C	
04	Dry Bulb Temperature	29.0 °C	
05	Wet Bulb Temperature	18.0 °C	
06	Relative Humidity	33.1 %	
07	Sampling Duration	60 Min.	
08	Particulate Matter (PM ₁₀)	64.86 µg/cum	100 µg/cum
09	Sulphur Dioxide (SO ₂)	21.47 µg/cum	80 µg/cum
10	Oxides of Nitrogen (NO _x)	24.20 µg/cum	80 µg/cum

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No.B – 29016 / 20 / 90 / PCI – I, New Delhi, the 18th November 2009.

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(Dy. Head Monitoring)

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CONSULTANTS AND ANALYSTS

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION,
OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.), PH.: (0231) 2531231,
TELEFAX : (0231) 2526337, MOBILE : (0) 9657865122
- F-502, FIFTH FLOOR, NANDANVAN TOWER, MUMBAI-PUNE HIGHWAY,
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- E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com



DATE: JANUARY 21, 2021

SOURCE EMISSION MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/694
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site:	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	14.01.2021
Time :	11:15 A.M.

RESULTS

SR. NO.	TEST DESCRIPTION	READING
01	Location	Boiler Stack 1
02	Material of Stack	RCC
03	Stack Height from Ground Level	75 M
04	Type of Stack	Round
05	Flue Gas Temperature	167 ⁰ C (440 K)
06	Differential Pressure	1.30 mm Wg
07	Velocity	4.54 m/sec
08	Stack Diameter	4.73 m
09	Stack Area	17.5627 m ²
10	Gas Volume	194781.98 Nm ³ /Hr

FLUE GAS QUALITY

SR.NO.	PARAMETER	VALUE
01	Suspended Particulate Matter (SPM)	56.83 mg/Nm ³
02	Sulphur Dioxide (SO ₂)	32.10 mg/Nm ³
		150.06 Kg /Day

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- Maharashtra Pollution Control Board (MPCB) Limits - SPM: 150 mg / Ncum
- Maharashtra Pollution Control Board (MPCB) Limits - SO₂: As per Consent.

Dr. Sandip Mangalekar
(Dy. Head Monitoring)

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CONSULTANTS AND ANALYSTS

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DATE: JANUARY 21, 2021

SOURCE EMISSION MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/695
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site:	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	14.01.2021
Time :	12:30 P.M.

RESULTS

SR. NO.	TEST DESCRIPTION	READING
01	Location	Boiler Stack 2
02	Material of Stack	RCC
03	Stack Height from Ground Level	72 M
04	Type of Stack	Round
05	Flue Gas Temperature	172 °C (445 K)
06	Differential Pressure	1.50 mm Wg
07	Velocity	4.91 m/sec
08	Stack Diameter	3.00 m
09	Stack Area	7.0650 m ²
10	Gas Volume	83693.03 Nm ³ /Hr

FLUE GAS QUALITY

SR.NO.	PARAMETER	VALUE
01	Suspended Particulate Matter (SPM)	52.66 mg/Nm ³
02	Sulphur Dioxide (SO ₂)	28.05 mg/Nm ³
		56.34 Kg /Day

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory-M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- Maharashtra Pollution Control Board (MPCB) Limits - SPM: 150 mg / Ncum
- Maharashtra Pollution Control Board (MPCB) Limits - SO₂: As per Consent.

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(Dy. Head Monitoring)

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DATE: JANUARY 21, 2021

AMBIENT NOISE LEVEL MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/696
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Date of Sampling:	14.01.2021.
Time:	01:40 P.M.

RESULTS

SR. NO.	LOCATION	READINGS dB(A)	LIMIT dB(A)
01	Near Main Gate	62.0	75
02	Near ETP	63.9	75
03	Near Bagas Section	64.1	75
04	Near Sugar Godown	61.8	75
05	Near Cane Yard	70.5	75

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- Maharashtra Pollution Control Board (MPCB) has prescribed 75 dB (A) as an upper limit of Noise Level during the Day Time & 70 dB (A) during the Night Time.

Dr. Sandip Mangalekar
(Dy. Head Monitoring)

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CONSULTANTS AND ANALYSTS

- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION,
OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.), PH.: (0231) 2531231,
TELEFAX : (0231) 2526337, MOBILE : (0) 9657865122
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- E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com



DATE: JANUARY 21, 2021

WORKZONE NOISE LEVEL MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/697
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Date of Sampling:	14.01.2021.
Time:	02:20 P.M.

RESULTS

SR. NO.	LOCATION	READINGS dB(A)	LIMIT dB(A) (Refer Note Below)
01	Centrifugal Section	82.5	90
02	Turbine Section	73.0	90
03	Boiler Section	81.6	90
04	Mill Section	84.5	90
05	Pan Section	85.9	90

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- The Factories' Act, 1948 has prescribed Noise Level threshold limit for 8 hours' exposure as 90 dB (A).

Dr. Sandip Mangalekar
(Dy. Head Monitoring)

- ENVIRONMENTAL; CIVIL & CHEMICAL ENGINEERS, CONSULTANTS AND ANALYSTS
- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION, OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.), PH.: (0231) 2531231, TELEFAX : (0231) 2526337, MOBILE : (0) 9657865122
- F-502, FIFTH FLOOR, NANDANVAN TOWER, MUMBAI-PUNE HIGHWAY, PANVEL - 410 206 (M.S.), MOBILE : +91 9822882822
- OFFICE NO: 67, 4th FLOOR, KUNAL PLAZA, CHINCHWAD CHOWK, PUNE - 411 018 (M.S.), MOBILE : +91 9890150522
- Website : www.equinoxenvi.com
- E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com



DATE: JANUARY 21, 2021

EFFLUENT SAMPLE ANALYSIS REPORT

Report No.:	EEIPL/REP/2020.21/698
Client:	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site:	A/p.: Hupari, Dist.: Kolhapur.
Location:	Effluent Treatment Plant.
Plant Condition:	ETP in Operation.
Date of Sampling:	14.01.2021.
Analysis Date:	15.01.2021.
Sample Name:	Industrial Effluent – Untreated & Treated

RESULTS

SR. NO.	TEST DESCRIPTION	UNTREATED	TREATED	MPCB LIMIT	UNIT
01	pH	3.25	7.61	6.5-8.5	--
02	Suspended Solids (SS)	174.62	17.44	100	mg/lit
03	Total Dissolved Solids (TDS)	3065.93	650.23	2100	mg/lit
04	Chemical Oxygen Demand (COD)	3218.05	68.82	250	mg/lit
05	Biochemical Oxygen Demand (BOD)	1334.67	25.06	100	mg/lit
06	Chlorides as Cl ⁻	746.30	169.83	600	mg/lit
07	Sulphates as SO ₄ ⁻	523.42	123.27	1000	mg/lit
08	Oil & Grease	2.00	BDL	10	mg/lit

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- BDL: Below Detectable Limit.

Dr. Sandip Mangalekar
(Dy. Head Monitoring)

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DATE: FEBRUARY 16, 2021

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/787
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	10.02.2021

RESULTS

SR. NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Main Gate	
02	Time of Sampling	02:30 P.M.	
03	Ambient Temperature	33.0 °C	
04	Dry Bulb Temperature	33.0 °C	
05	Wet Bulb Temperature	20.0 °C	
06	Relative Humidity	29.1 %	
07	Sampling Duration	60 Min.	
08	Particulate Matter (PM ₁₀)	66.86 µg/cum	100 µg/cum
09	Sulphur Dioxide (SO ₂)	21.42 µg/cum	80 µg/cum
10	Oxides of Nitrogen (NO _x)	27.01 µg/cum	80 µg/cum

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B - 29016 / 20 / 90 / PCI - I, New Delhi, the 18th November 2009.

Dr. Sandip Mangalekar
 (Dy. Head Monitoring)

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DATE: FEBRUARY 16, 2021

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/788
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	10.02.2021

RESULTS

SR.NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near ETP	
02	Time of Sampling	02:40 P.M.	
03	Ambient Temperature	33.0 °C	
04	Dry Bulb Temperature	33.0 °C	
05	Wet Bulb Temperature	20.0 °C	
06	Relative Humidity	29.1 %	
07	Sampling Duration	60 Min.	
08	Particulate Matter (PM ₁₀)	63.33 µg/cum	100 µg/cum
09	Sulphur Dioxide (SO ₂)	20.47 µg/cum	80 µg/cum
10	Oxides of Nitrogen (NO _x)	23.62 µg/cum	80 µg/cum

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No.B – 29016 / 20 / 90 / PCI – I, New Delhi, the 18th November 2009.

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(Dy. Head Monitoring)

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DATE: FEBRUARY 16, 2021

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/789
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	10.02.2021

RESULTS

SR.NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Bagass Yard	
02	Time of Sampling	02:55 P.M.	
03	Ambient Temperature	33.0 °C	
04	Dry Bulb Temperature	33.0 °C	
05	Wet Bulb Temperature	21.0 °C	
06	Relative Humidity	33.4 %	
07	Sampling Duration	60 Min.	
08	Particulate Matter (PM ₁₀)	70.36 µg/cum	100 µg/cum
09	Sulphur Dioxide (SO ₂)	21.85 µg/cum	80 µg/cum
10	Oxides of Nitrogen (NO _x)	23.40 µg/cum	80 µg/cum

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No.B – 29016 / 20 / 90 / PCI – I, New Delhi, the 18th November 2009.


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DATE: FEBRUARY 16, 2021

SOURCE EMISSION MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/790
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site:	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	10.02.2021
Time :	03:30 P.M.

RESULTS

SR. NO.	TEST DESCRIPTION	READING
01	Location	Boiler Stack 1
02	Material of Stack	RCC
03	Stack Height from Ground Level	75 M
04	Type of Stack	Round
05	Flue Gas Temperature	180°C (453 K)
06	Differential Pressure	1.10 mm Wg
07	Velocity	4.24 m/sec
08	Stack Diameter	4.73 m
09	Stack Area	17.5627 m ²
10	Gas Volume	176583.73 Nm ³ /Hr

FLUE GAS QUALITY

SR.NO.	PARAMETER	VALUE
01	Suspended Particulate Matter (SPM)	56.86 mg/Nm ³
02	Sulphur Dioxide (SO ₂)	36.92 mg/Nm ³
		156.47 Kg /Day

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- Maharashtra Pollution Control Board (MPCB) Limits - SPM: 150 mg / Ncum
- Maharashtra Pollution Control Board (MPCB) Limits - SO₂: As per Consent.

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(Dy. Head Monitoring)

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DATE: FEBRUARY 16, 2021

SOURCE EMISSION MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/791
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site:	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	10.02.2021
Time :	04:50 P.M.

RESULTS

SR. NO.	TEST DESCRIPTION	READING
01	Location	Boiler Stack 2
02	Material of Stack	RCC
03	Stack Height from Ground Level	72 M
04	Type of Stack	Round
05	Flue Gas Temperature	182 °C (455 K)
06	Differential Pressure	1.50 mm Wg
07	Velocity	4.96 m/sec
08	Stack Diameter	3.00 m
09	Stack Area	7.0650 m ²
10	Gas Volume	82768.22 Nm ³ /Hr

FLUE GAS QUALITY

SR.NO.	PARAMETER	VALUE
01	Suspended Particulate Matter (SPM)	49.85 mg/Nm ³
02	Sulphur Dioxide (SO ₂)	28.01 mg/Nm ³
		55.64 Kg /Day

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory-M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- Maharashtra Pollution Control Board (MPCB) Limits - SPM: 150 mg / Ncum
- Maharashtra Pollution Control Board (MPCB) Limits - SO₂: As per Consent.


Dr. Sandip Mangalekar
 (Dy. Head Monitoring)

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DATE: FEBRUARY 16, 2021

AMBIENT NOISE LEVEL MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/792
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Date of Sampling:	10.02.2021.
Time:	06:00 P.M.

RESULTS

SR. NO.	LOCATION	READINGS dB(A)	LIMIT dB(A)
01	Near Main Gate	62.3	75
02	Near ETP	61.2	75
03	Near Bagas Section	65.4	75
04	Near Sugar Godown	61.3	75
05	Near Cane Yard	73.5	75

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- Maharashtra Pollution Control Board (MPCB) has prescribed 75 dB (A) as an upper limit of Noise Level during the Day Time & 70 dB (A) during the Night Time

Dr. Sandip Mangalekar
(Dy. Head Monitoring)

DATE: FEBRUARY 16, 2021

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WORKZONE NOISE LEVEL MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/793
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Date of Sampling:	10.02.2021.
Time:	06:30 P.M.

RESULTS

SR. NO.	LOCATION	READINGS dB(A)	LIMIT dB(A) (Refer Note Below)
01	Centrifugal Section	83.2	90
02	Turbine Section	84.8	90
03	Boiler Section	85.8	90
04	Mill Section	81.4	90
05	Pan Section	83.2	90

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- The Factories' Act, 1948 has prescribed Noise Level threshold limit for 8 hours' exposure as 90 dB (A).

Dr. Sandip Mangalekar
(Dy. Head Monitoring)

DATE: FEBRUARY 16, 2021

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EFFLUENT SAMPLE ANALYSIS REPORT

Report No.:	EEIPL/REP/2020.21/794
Client:	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site:	A/p.: Hupari, Dist.: Kolhapur.
Location:	Effluent Treatment Plant.
Plant Condition:	ETP in Operation.
Date of Sampling:	10.02.2021.
Analysis Date:	11.02.2021
Sample Name:	Industrial Effluent – Untreated & Treated

RESULTS

SR. NO.	TEST DESCRIPTION	UNTREATED	TREATED	MPCB LIMIT	UNIT
01	pH	3.49	7.52	6.5-8.5	--
02	Suspended Solids (SS)	174.96	18.30	100	mg/lit
03	Total Dissolved Solids (TDS)	3069.53	700.12	2100	mg/lit
04	Chemical Oxygen Demand (COD)	3596.71	62.55	250	mg/lit
05	Biochemical Oxygen Demand (BOD)	1495.85	24.39	100	mg/lit
06	Chlorides as Cl ⁻	800.90	214.67	600	mg/lit
07	Sulphates as SO ₄ ⁻	569.32	157.42	1000	mg/lit
08	Oil & Grease	6.00	BDL	10	mg/lit

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- BDL: Below Detectable Limit.

Dr. Sandip Mangalekar
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DATE: FEBRUARY 16, 2021

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SOIL SAMPLE ANALYSIS REPORT

Report No.:	EEIPL/REP/2020.21/799
Client:	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site:	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition:	In Operation.
Sampling Date:	10.02.2021.
Analysis Date:	11.02.2021
Sample Name:	Soil Sample

RESULTS

SR. NO.	TEST DESCRIPTION	RESULTS	UNIT
01	Nitrogen (N)	Kg/ha	156.23
02	Available Phosphorous (P)	Kg/ha	89.11
03	Available Potassium	Kg/ha	124.75
04	Organic Carbon	%	1.20
05	Organic Matter	%	2.06
06	Water Soluble Chloride (Cl)	mg/kg	178.45
07	Water Soluble Sulphate (SO ₄)	mg/kg	159.67
08	Sodium Absorption Ratio	-----	0.051

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.

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Dr. Sandip Mangalekar
(Dy. Head Monitoring)

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DATE: MARCH 15, 2021

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/898
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	10.03.2021

RESULTS

SR. NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Main Gate	
02	Time of Sampling	09:30 A.M.	
03	Ambient Temperature	29.0 °C	
04	Dry Bulb Temperature	29.0 °C	
05	Wet Bulb Temperature	18.0 °C	
06	Relative Humidity	33.1 %	
07	Sampling Duration	60 Min.	
08	Particulate Matter (PM ₁₀)	64.23 µg/cum	100 µg/cum
09	Sulphur Dioxide (SO ₂)	19.05 µg/cum	80 µg/cum
10	Oxides of Nitrogen (NO _x)	26.88 µg/cum	80 µg/cum

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B - 29016 / 20 / 90 / PCI - I, New Delhi, the 18th November 2009.


Dr. Sandip Mangalekar
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DATE: MARCH 15, 2021

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/899
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	10.03.2021

RESULTS

SR.NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near ETP	
02	Time of Sampling	09:40 A.M.	
03	Ambient Temperature	29.0 °C	
04	Dry Bulb Temperature	29.0 °C	
05	Wet Bulb Temperature	18.0 °C	
06	Relative Humidity	33.1 %	
07	Sampling Duration	60 Min.	
08	Particulate Matter (PM ₁₀)	62.86 µg/cum	100 µg/cum
09	Sulphur Dioxide (SO ₂)	18.30 µg/cum	80 µg/cum
10	Oxides of Nitrogen (NO _x)	21.97 µg/cum	80 µg/cum

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No.B - 29016 / 20 / 90 / PCI - I, New Delhi, the 18th November 2009.


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 (Dy. Head Monitoring)

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- E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com



DATE: MARCH 15, 2021

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/900
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	10.03.2021

RESULTS

SR.NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Bagass Yard	
02	Time of Sampling	09:50 A.M.	
03	Ambient Temperature	30.0 °C	
04	Dry Bulb Temperature	30.0 °C	
05	Wet Bulb Temperature	18.0 °C	
06	Relative Humidity	29.7 %	
07	Sampling Duration	60 Min.	
08	Particulate Matter (PM ₁₀)	67.36 µg/cum	100 µg/cum
09	Sulphur Dioxide (SO ₂)	17.65 µg/cum	80 µg/cum
10	Oxides of Nitrogen (NO _x)	22.89 µg/cum	80 µg/cum

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No.B – 29016 / 20 / 90 / PCI – I, New Delhi, the 18th November 2009.


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DATE: MARCH 15, 2021

SOURCE EMISSION MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/901
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site:	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	10.03.2021
Time :	10:20 A.M.

RESULTS


SR. NO.	TEST DESCRIPTION	READING
01	Location	Boiler Stack 1
02	Material of Stack	RCC
03	Stack Height from Ground Level	75 M
04	Type of Stack	Round
05	Flue Gas Temperature	170°C (433 K)
06	Differential Pressure	1.00 mm Wg
07	Velocity	4.00 m/sec
08	Stack Diameter	4.73 m
09	Stack Area	17.5627 m ²
10	Gas Volume	170255.67 Nm ³ /Hr

FLUE GAS QUALITY

SR.NO.	PARAMETER	VALUE
01	Suspended Particulate Matter (SPM)	52.83 mg/Nm ³
02	Sulphur Dioxide (SO ₂)	30.71 mg/Nm ³
		125.49 Kg /Day

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- Maharashtra Pollution Control Board (MPCB) Limits - SPM: 150 mg / Ncum
- Maharashtra Pollution Control Board (MPCB) Limits - SO₂: As per Consent.


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DATE: MARCH 15, 2021

SOURCE EMISSION MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/902
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site:	A/p.: Hupari, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	10.03.2021
Time :	11:45 A.M.

RESULTS


SR. NO.	TEST DESCRIPTION	READING
01	Location	Boiler Stack 2
02	Material of Stack	RCC
03	Stack Height from Ground Level	72 M
04	Type of Stack	Round
05	Flue Gas Temperature	175 °C (448 K)
06	Differential Pressure	1.00 mm Wg
07	Velocity	4.02 m/sec
08	Stack Diameter	3.00 m
09	Stack Area	7.0650 m ²
10	Gas Volume	68105.89 Nm ³ /Hr

FLUE GAS QUALITY

SR.NO.	PARAMETER	VALUE
01	Suspended Particulate Matter (SPM)	34.83 mg/Nm ³
02	Sulphur Dioxide (SO ₂)	22.47 mg/Nm ³
		36.73 Kg /Day

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- Maharashtra Pollution Control Board (MPCB) Limits - SPM: 150 mg / Ncum
- Maharashtra Pollution Control Board (MPCB) Limits - SO₂: As per Consent.


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DATE: MARCH 15, 2021

AMBIENT NOISE LEVEL MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/903
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Date of Sampling:	10.03.2021.
Time:	01:00 P.M.

RESULTS

SR. NO.	LOCATION	READINGS dB(A)	LIMIT dB(A)
01	Near Main Gate	65.1	75
02	Near ETP	61.2	75
03	Near Bagas Section	64.8	75
04	Near Sugar Godown	62.8	75
05	Near Cane Yard	71.2	75

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- Maharashtra Pollution Control Board (MPCB) has prescribed 75 dB (A) as an upper limit of Noise Level during the Day Time & 70 dB (A) during the Night Time


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DATE: MARCH 15, 2021

WORKZONE NOISE LEVEL MONITORING RESULTS

Report No.:	EEIPL/REP/2020.21/904
Client :	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site :	A/p.: Hupari, Dist.: Kolhapur.
Date of Sampling:	10.03.2021.
Time:	01:30 P.M.

RESULTS

SR. NO.	LOCATION	READINGS dB(A)	LIMIT dB(A) (Refer Note Below)
01	Centrifugal Section	81.3	90
02	Turbine Section	84.1	90
03	Boiler Section	82.7	90
04	Mill Section	86.4	90
05	Pan Section	82.9	90

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- The Factories' Act, 1948 has prescribed Noise Level threshold limit for 8 hours' exposure as 90 dB (A).


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DATE: MARCH 15, 2021

EFFLUENT SAMPLE ANALYSIS REPORT


Report No.:	EEIPL/REP/2020.21/905
Client:	M/s. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd.,
Site:	A/p.: Hupari, Dist.: Kolhapur.
Location:	Effluent Treatment Plant.
Plant Condition:	ETP in Operation.
Date of Sampling:	10.03.2021.
Analysis Date:	11.03.2021
Sample Name:	Industrial Effluent – Untreated & Treated

RESULTS

SR. NO.	TEST DESCRIPTION	UNTREATED	TREATED	MPCB LIMIT	UNIT
01	pH	3.55	7.68	6.5-8.5	--
02	Suspended Solids (SS)	152.34	17.50	100	mg/lit
03	Total Dissolved Solids (TDS)	2895.61	623.04	2100	mg/lit
04	Chemical Oxygen Demand (COD)	2846.10	65.98	250	mg/lit
05	Biochemical Oxygen Demand (BOD)	1023.92	23.44	100	mg/lit
06	Chlorides as Cl ⁻	523.61	165.01	600	mg/lit
07	Sulphates as SO ₄ ²⁻	230.14	110.57	1000	mg/lit
08	Oil & Grease	7.00	BDL	10	mg/lit

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- BDL: Below Detectable Limit.


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Annexure X
Photographs of CSR activity

CSR activities done by industry



जवाहर कारखान्याकडून वैद्यकीय अर्थसहाय्य धनादेश वितरण



आवाडे यांनी कारखान्याच्या स्वनिधीतून वैद्यकीय अर्थसहाय्य योजनेतून हृदयविकार, कॅन्सर, मूत्रपिंड, मोतीबिंदू, काचबिंदू उपचारासाठी आर्थिक मदत देण्याची योजना सुरु केली आहे.

त्याप्रमाणे भोज येथील ऊस उत्पादक सभासद भरतेश नेमगोंडा पाटील यांना हृदय विकारावरील उपचारासाठी 50 हजार, बाळाप्पा भिमु टाकळे याना व बेबी मारुती गुरव याना डोळ्याच्या उपचारासाठी प्रत्येकी 3 हजार रुपयेचा धनादेश सुपूर्द करण्यात आला. यावेळी ऍग्रिहोवशीयर वर्धमान इसराणा, बाळासो मालबा, अजित मगदूम, सुनील हिरीकुळे, अमोल पाटील, गजानन मठपती, वृषभ अक्कोळे, भरत भागाजे, बाबासो माणगावे, विलास टायशेडी, संतोष पलसकर, संजय हसुरे, श्री सिदनाळे, आदी उपस्थित होते.

कारदगा (हिंदूसम्राट प्रतिनिधी रंगराव बन्ने यांजकडून):-जवाहर शेतकरी साखर कारखान्याच्या मार्फत संस्थापक चेअरमन कल्लाप्पाणा आवाडे व आमदार प्रकाश आवाडे यांच्या मार्गदर्शानुसार भोज येथील ऊस उत्पादक सभासद भरतेश नेमगोंडा पाटील याना वैद्यकीय अर्थसहाय्य योजनेतून 50 हजार व बाळाप्पा भिमु

टाकळे याना 3 हजार व बेबी मारुती गुरव याना 3 हजार रुपयेचे अर्थसहाय्य धनादेश भोज सर्कल ऑफिसमध्ये संचालक सुमेरू पाटील व शीतल अमण्णावर यांच्या हस्ते सुपूर्द करण्यात आला.

जवाहर कारखान्यास नियमित ऊस पुरवठा करणाऱ्या ऊस उत्पादक सभासदकरिता चेअरमन कल्लाप्पाणा



भोज येथे जवाहर कारखान्याच्या वतीने वैद्यकीय उपचारासाठी आर्थिक मदतीचा धनादेश वितरण

कारदगा (हिंदूसम्राट प्रतिनिधी रंगराव बन्ने यांजकडून):-हूपरी येथील जवाहर शेतकरी साखर कारखान्याच्यावतीने भोज येथील ऊस उत्पादक सभासद धन्याकुमार भिमु चौगुले(पांगरे)याना हृदय विकाराच्या उपचारासाठी 50 हजार रुपयेचा धनादेश कारखान्याचे संचालक शीतल अमणावर व सुमेरू पाटील यांच्या हस्ते भोज सर्कल ऑफिसमध्ये वितरण करण्यात आला. कारखान्याकडे नियमित ऊस पुरवठा करणाऱ्या ऊस उत्पादक सभासदकरिता कारखान्याच्या स्वनिधीतून वैद्यकीय अर्थ सहाय्य योजनेअंतर्गत हृदय

विकार, कॅन्सर, मूत्रपिंड, मोतीबिंदू, काचबिंदू उपचारासाठी कारखान्याचे संस्थापक चेअरमन कल्लाप्पाणा आवाडे, आमदार प्रकाश आवाडे यांनी योजना सुरु केली. याच योजनेतून भोज येथील धन्याकुमार चौगुले याना हृदय विकार उपचारासाठी हा 50 हजार रुपयेचा धनादेश सुपूर्द केला. यावेळी सिनियर अग्नीहोषर अनिल चौगुले, विश्वनाथ हिरेमठ, आप्पा दुर्गे, सर्कल अधिकारी वर्धमान ईसराणा, बाळासो मालबा, सुनील हिरीकुळे, अजित मगदूम, अमोल पाटील, अनिल मुलपे आदी उपस्थित होते.





धली

प्रारंभ



गळीत हंगामास

करराव भांदुर्गे,
प्रशांत पाटील,
राचव्या हिरेमठ,
ल्लाप्पा चौगुला,
पेश कुलकर्णी,
मा बेनचीनमर्डी,
मादी मान्यवर
ताविक भाषण
यांनी केले. तर
5 यांनी आभार

नको

ो कार्यक्रम

कारदगा येथे जवाहर कारखान्यातर्फे मदतीचा धनादेश सुपूर्द

वार्ताहर
कारदगा

कारदगा येथे २०१९-२० सालातील गळीत हंगामासाठी हुपरी येथील जवाहर साखर कारखान्याच्यावतीने ऊसतोड करण्यास आलेल्या मजुरांचा दूधगंगा नदीत बुडून मृत्यू झाला होता. या मयत मजुरांच्या वारसांना जवाहर कारखान्याचे चेअरमन कल्लाप्पाणा आवाडे, आमदार प्रकाश आवाडे यांनी एक लाख रुपयांचा मदत निधी उपलब्ध करून दिला. या निधीचा धनादेश जवाहरचे माजी संचालक बाबासो नोरजे व ग्राम पंचायत माजी अध्यक्षा नंदिनी हेगडे यांच्या हस्ते वारसांकडे सुपूर्द करण्यात आला

बाबासो नोरजे म्हणाले, एप्रिल

महिन्यात बीड जिल्ह्यातील प्रदीप बबन इनकर हा ऊसतोड मजूर कारदगा येथील दूधगंगा नदीत आंधोळीला गेला असता त्याचा पाण्यात बुडून मृत्यू झाला होता. जे मजूर व जनावरे अपघाताने मयत होतात त्यांच्या वारसांना आर्थिक सहाय्य देण्याची योजना जवाहर कारखान्याने सुरू केली असल्याचे त्यांनी सांगितले. कारखान्याचे कर्नाटक विभाग सिनियर अॅग्री हौशियेर ए. डी.चौगुले यांनीही मनोगत व्यक्त केले. यावेळी भोज सर्कलचे जयकुमार बेडकिहाळे, वाहन मालक अरुण मानगावे, भरत भागाजे, बाबासो मानगावे, विलास तायशेट्टी, बाबू तायपंनावर, रोहन शिरगुप्ते, बाबासो हेगडे आदी उपस्थित होते.



कारदगा : येथे जवाहर कारखान्याच्यावतीने मयत ऊसतोड मजुरांच्या वारसांना धनादेश देताना बाबासो नोरजे, नंदिनी हेगडे व इतर.



अनंतसिंग फोटो



Annexure XI
Copy acknowledgement of local body
w.r.t. EC granted

0/c
जवाहर शेतकरी सहकारी साखर कारखाना लि., हुपरी

श्री कल्लाप्पाणा आवाडेनगर, हुपरी-यळगूड ४१६ २०३, ता.हातकणंगले, जि.कोल्हापूर. (महाराष्ट्र)
फोन (०२३०) २४५०४०२ (५ लाईन्स), फॅक्स (०२३०) २४५०४०१, ई-मेल : kprjsssk@gmail.com

जा.क्र. उत्पादन/ई.टी.पी./२०२०-२१

दि.०५/१२/२०२०

प्रति,
मा. सरपंच/ग्राम विकास अधिकारी,
ग्रामपंचायत,
मौजे रेंदाळ,
ता.हातकणंगले, जि.कोल्हापूर.

विषय- एन्हीरॉनमेंटल क्लिअरन्स पत्राबाबत...

महोदय,

आमच्या कारखान्याने ऊस गाळप क्षमतेचे प्रतिदिन १२००० मे.टनावरून प्रतिदिन १६००० मे.टनापर्यंत विस्तारीकरण करण्यास मंजूरी मिळण्यासाठी पर्यावरण, वने व जल वायु परिवर्तन मंत्रालय, भारत सरकार नवी दिल्ली यांच्याकडे प्रस्ताव सादर केलेला होता. त्यास अनुसरून भारत सरकारच्या पर्यावरण मंत्रालयाकडून कारखान्यास पत्र क्रं. F.No.1A-J-11011/146/2020-IA II (I), दिनांक ०१ डिसेंबर २०२० अन्वये एन्हीरॉनमेंटल क्लिअरन्स मिळालेला आहे.

आपले माहिती करीता सादर.

कळावे,

आपला विश्वासू
जवाहर शे.सह.सा. का. लि.करिता

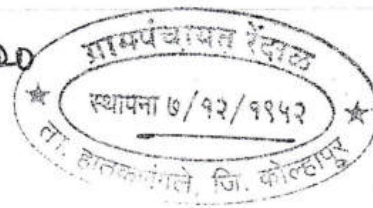
(म.गो.जोशी)
कार्यकारी संचालक

सोबत- इन्हीरॉनमेंटल क्लिअरन्सचे पत्र.

आवक नं. १६३ दि.०५/१२/२०२०

ग्रामपंचायत रेंदाळ

ता. हातकणंगले, जि. कोल्हापूर.



जवाहर शेतकरी सहकारी साखर कारखाना लि., हुपरी

श्री कल्लाप्पाणा आवाडेनगर, हुपरी-यळगूड ४१६ २०३, ता.हातकणंगले, जि.कोल्हापूर. (महाराष्ट्र)
फोन (०२३०) २४५०४०२ (५ लाईन्स), फॅक्स (०२३०) २४५०४०१, ई-मेल : kprjsssk@gmail.com

जा.क्र. उत्पादन/ई.टी.पी./४०११ /२०२०-२१

दि.०५/१२/२०२०

प्रति,
मा. सरपंच/ग्राम विकास अधिकारी,
ग्रामपंचायत,
मौजे यळगूड,
ता.हातकणंगले, जि.कोल्हापूर.

विषय- एन्हीरॉनमेंटल क्लिअरन्स पत्राबाबत...

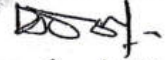
महोदय,

आमच्या कारखान्याने ऊस गाळप क्षमतेचे प्रतिदिन १२००० मे.टनावरून प्रतिदिन १६००० मे.टनापर्यंत विस्तारीकरण करण्यास मंजूरी मिळण्यासाठी पर्यावरण, वने व जल वायु परिवर्तन मंत्रालय, भारत सरकार नवी दिल्ली यांच्याकडे प्रस्ताव सादर केलेला होता. त्यास अनुसरून भारत सरकारच्या पर्यावरण मंत्रालयाकडून कारखान्यास पत्र क्रं. F.No.IA-J-11011/146/2020-IA II (I), दिनांक ०१ डिसेंबर २०२० अन्वये एन्हीरॉनमेंटल क्लिअरन्स मिळालेला आहे.

आपले माहिती करीता सादर.

कळावे,

आपला विश्वासू
जवाहर शे.सह.सा. का. लि.करिता


(म.गो.जोशी)

कार्यकारी संचालक

सोबत- इन्हीरॉनमेंटल क्लिअरन्सचे पत्र.



पुल मिळाली
दि. ५/१२/२०२०

जवाहर शेतकरी सहकारी साखर कारखाना लि., हुपरी

श्री कल्लाप्पाणा आवाडेनगर, हुपरी-यळगूड ४१६ २०३, ता.हातकणंगले, जि.कोल्हापूर. (महाराष्ट्र)
फोन (०२३०) २४५०४०२ (५ लाईन्स), फॅक्स (०२३०) २४५०४०१, ई-मेल : kprjsssk@gmail.com

जा.क्र.उत्पादन/ई.टी.पी/४९२ /२०२०-२१

दि.०५/१२/२०२०

प्रति,

मा. नगराध्यक्षा/मुख्याधिकारी,
हुपरी नगर परिषद, हुपरी
ता.हातकणंगले, जि.कोल्हापूर.

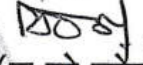
विषय- एन्हीरॉनमेंटल क्लिअरन्स पत्राबाबत...

महोदय,

आमच्या कारखान्याने ऊस गाळप क्षमतेचे प्रतिदिन १२००० मे.टनावरून प्रतिदिन १६००० मे.टनापर्यंत विस्तारीकरण करण्यास मंजुरी मिळण्यासाठी पर्यावरण, वने व जल वायु परिवर्तन मंत्रालय, भारत सरकार नवी दिल्ली यांच्याकडे प्रस्ताव सादर केलेला होता. त्यास अनुसरून भारत सरकारच्या पर्यावरण मंत्रालयाकडून कारखान्यास पत्र क्रं. F.No.IA-J-11011/146/2020-IA II (I), दिनांक ०१ डिसेंबर २०२० अन्वये एन्हीरॉनमेंटल क्लिअरन्स मिळालेला आहे.

आपले माहिती करीता सादर.

कळावे,

आपला विश्वासू
जवाहर शे.सह.सा. का. लि.करिता

(म.गो.जोशी)
कार्यकारी संचालक

सोबत- इन्हीरॉनमेंटल क्लिअरन्सचे पत्र.

हुपरी नगरपरिषद हुपरी

आवक क्र. - २३६५/२०२४२१

दि. ५/१२/२०२०

SC

जवाहर शेतकरी सहकारी साखर कारखाना लि., हुपरी

श्री कल्लाप्पाणा आवाडेनगर, हुपरी-यळगूड ४१६ २०३, ता.हातकणंगले, जि.कोल्हापूर. (महाराष्ट्र)

फोन (०२३०) २४५०४०२ (५ लाईन्स), फॅक्स (०२३०) २४५०४०९, ई-मेल : kprjsssk@gmail.com

जा.क्र. उत्पादन/ई.टी.पी./२०२०-२१

दि.०५/१२/२०२०

प्रति,

मा. मुख्य कार्यकारी अधिकारी,

जिल्हा परिषद,

नागाळा पार्क,

कोल्हापूर.

विषय- एन्हीरॉनमेंटल क्लिअरन्स पत्राबाबत...

महोदय,

आमच्या कारखान्याने ऊस गाळप क्षमतेचे प्रतिदिन १२००० मे.टनावरून प्रतिदिन १६००० मे.टनावरून विस्तारीकरण करण्यास मंजुरी मिळण्यासाठी पर्यावरण, वने व जल वायु परिवर्तन मंत्रालय, भारत सरकार नवी दिल्ली यांच्याकडे प्रस्ताव सादर केलेला होता. त्यास अनुसरून भारत सरकारच्या पर्यावरण मंत्रालयाकडून कारखान्यास पत्र क्रं. F.No.IA-J-11011/146/2020-IA II (I), दिनांक ०९ डिसेंबर २०२० अन्वये एन्हीरॉनमेंटल क्लिअरन्स मिळालेला आहे.

आपले माहिती करीता सादर.

कळावे,

आपला विश्वासू

जवाहर शे.सह.सा. का. लि.करिता

[Signature]

(म.गो.जोशी)

कार्यकारी संचालक

सोबत- इन्हीरॉनमेंटल क्लिअरन्सचे पत्र.

Annexure XII
Copy acknowledgement of Six
Monthly Compliance Reports w.r.t.
EC granted

01c

REGISTERED A. D.

JAWAHAR SHETKARI SAHAKARI SAKHAR KARKHANA LTD., HUPARI

Shri Kallappa Anna Awadenagar, Hupari-Yalgud 416 203, Tal.: Hatkanangale, Dist.: Kolhapur (Maharashtra)
Phone (0230) 2450402 (5 Lines), Fax (0230) 2450401, E-mail : kprjsssk@gmail.com

Ref. No. MFG/ETP / 1269 /2020-2021

Date: -13 /05/2021

To,
The Regional Officer,
MoEFCC; Western Region (WCZ),
Ground Floor, East Wing,
New Secretariat Building,
Civil Lines, Nagpur – 440001

Sub: Submission of Six Monthly Environment Compliance report for period October 2020 to March 2021 w.r.t Sugar Unit of 12000 TCD and 16,000 TCD – M/s. **Jawahar Shetkari Sahakari Sakhar Karkhana Ltd., Hupari.** Shri Kallappa Anna Awadenagar, Hupari-Yalgud, Tal.:Hatkanangale, Dist.: Kolhapur, Maharashtra State.

Ref. 1. Environmental Clearance (EC) Letter for 12000 TCD Sugar Unit F. No. J-11011/38/2016-IA-II(I) dated 20.12.2016.
2. Environmental Clearance (EC) Letter for 16000 TCD Sugar Unit F. No. F.No.IA-J-11011/146/2020-IA II (I) Dated 1st December, 2020.

Dear Sir,

This has reference to Environmental Clearance (EC) granted to our Sugar Unit of 12000 TCD and 16000 TCD – M/s. **Jawahar Shetkari Sahakari Sakhar Karkhana Ltd., Hupari.** Shri Kallappa Anna Awadenagar, Hupari-Yalgud, Tal.: Hatkanangale, Dist.: Kolhapur (Maharashtra State).

As per General Condition No. 14 in EC letter in 12000 TCD and Condition No. 12 in EC letter 16000 TCD, we are submitting a six monthly compliance report for a period of October 2020 to March 2021.


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

Thanking you,

Yours Faithfully,
For Jawahar S.S.S.K.Ltd., Hupari.


(M.G.Joshi)
Managing Director

Encl. - As above



JSSSKL_12000 & 16000 TCD_Six monthly Compliance_October 2020 to March 2021

1 message

Jawahar Sugar <kprjssk@gmail.com>

Sat, May 15, 2021 at 2:24 PM


To: eccompliance-mh@gov.in

Cc: ms@mpcb.gov.in, westzonepcb@yahoo.com, rokolhapur <rokolhapur@mpcb.gov.in>

--
Dear sir

Please Find Attachment

From,
Jawahar S.S.S.K. Ltd. Hupari

 **JSSSKL_12000 & 16000 TCD_Six monthly Compliance_October 2020 to March 2021.pdf**
9430K

Annexure XIII
Newspaper advertisement w.r.t 16000
TCD sugar factory

तरुण भारत

कोल्हापूर

www.tarunbharat.com

शनिवार दि. १ डिसेंबर २०२०

वेळापत्र • गोवा • मुंबई

जवाहर शेतकरी सहकारी साखर कारखाना लि., हुपरी

श्री.कल्लाप्पाणा आवाडेनगर, हुपरी-यळगूड - ४१६२०३,
ता.हातकणंगले, जि.कोल्हापूर (महाराष्ट्र)

फोन नं. (०२३०)२४५०४०२ (५ लाईन्स), E-mail : kprjsssk@gmail.com

जवाहर कारखान्यास इन्हीरॉनमेंटल किलरन्स प्राप्त

जवाहर शेतकरी सहकारी साखर कारखाना लि., हुपरी या कारखान्याने प्रस्तुतच्या ऊस गाळप क्षमतेचे प्रतिदिन १२००० मे.टनावरून प्रतिदिन १६००० मे.टनापर्यंत विस्तारीकरण करण्यास मंजुरी घेणेकरिता पर्यावरण, वने व जल वायु परिवर्तन मंत्रालय, भारत सरकार, नवी दिल्ली यांचेकडे प्रस्ताव दाखल केलेला होता. त्यास अनुसरून भारत सरकारचे पर्यावरण मंत्रालयाकडून कारखान्यास पत्र क्र. F.No.IA-J-11011/146/2020-IA II (I) दिनांक ०१ डिसेंबर, २०२० अन्वये इन्हीरॉनमेंटल किलरन्स मिळालेला आहे. सदरचा इन्हीरॉनमेंटल किलरन्स महाराष्ट्र प्रदुषण नियंत्रण मंडळ / समिती आणि पर्यावरण मंत्रालयाचे वेबसाईटवर व <https://parivesh.nic.in/> वर पहाण्यासाठी उपलब्ध आहे. प्रसिद्धीकरिता जाहीर नोटीस.



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INDIA'S LARGEST ENGLISH NEWSPAPER

JAWAHAR SHETKARI SAHAKARI SAKHAR KARKHANA LTD., HUPARI

Shri Kallappa Awadenagar, Hupari-Yalgud, 416203, Tal. Hatkanangale, Dist. Kolhapur.
Phone. (0230)2450402 (5 Lines), E-mail. - kprjsssk@gmail.com

Jawahar Sugar Factory Hupari has granted the Environmental Clearance

It is for the information of all concern that, M/S. Jawahar Shetkari Sahakari Sakhar Karkhana Ltd., Hupari has submitted the proposal of proposed expansion of 12000 TCD to 16000 TCD capacity for obtaining the Environmental Clearance from Ministry of Environment, Forest and Climate Change, Government of India, New Delhi. Accordingly, Ministry of Environment has granted the Environmental Clearance for expansion of our Sugar Unit 12000 TCD to 16000 TCD. Vide their letter F.No.IA-J-11011/146/2020-IA II (I), Dated 1st December, 2020. A copy of said clearance letter is available with the State Pollution Control Board/Committee and may also be seen at website of the Ministry and at <https://parivesh.nic.in/>