

SIX MONTHLY COMPLIANCE REPORT

(PERIOD APRIL 2021- SEPTEMBER 2021)

FOR

**Establishment 90 KLPD Molasses
based Distillery**

By

**M/s. Venkateshwara Power Project Ltd.
(VPPL)**

**village Bedkihal, Tehsil
Chikkodi, District Belgaum,
Karnataka State.**





Venkateshwara Power Project Ltd.

(Sugar Factory)

■ **Regd. Off. :** Mahadik Pump, Shirol (P), Tal. Hatkangale,
Dist. Kolhapur, Maharashtra 416 122
Phone : 91-230 - 2461002/3/4/5, **Fax :** 91-230 - 2461006
E mail : vppl@mahadikgroup.com
■ **CIN :** U40101PN1994PLC083924

■ **Factory :** A/p. Bedkihal, Tal. Nipani,
Dist. Belgaum, Karnataka 591 214.
Phone : 91 - 8338 - 257001
Telefax : 91 - 8338 - 257008
■ **GSTIN :** 29AABCV0497N1ZO

REF. NO.: VPPI/Envr/Sugar/722/2021-22

DATE: 28/10/2021

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 Molasses-based Distillery unit of 90 KLPD by– M/s. **Venkateshwara Power Project Ltd. (VPPL)**, located at village Bedkihal, Tehsil Chikkodi, District Belgaum, Karnataka State.

Ref. : 1. EC granted by Ministry of Environment, Forests & Climate change (MoEFCC); New Delhi vide its Letter No. J-11011/179/2016-IA II (I) dated 28th November 2017.

Dear Sir,

This has reference to Environmental Clearance (EC) granted to our Distillery unit of 90 KLPD– M/s. **Venkateshwara Power Project Ltd. (VPPL)**, located at village Bedkihal, Tehsil Chikkodi, District Belgaum, Karnataka State.

As per EC letter, we are submitting a six monthly compliance report for a period.

1) April 2021 to September 2021.

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

Thanking you,

Yours faithfully,

Managing Director

M/s. **Venkateshwara Power Project Ltd.**

Point wise Compliance towards Conditions in Environment Clearance Letter

Brief Summary of the Project

1. Name of Project : **M/s. Venkateshwara Power Projects Ltd (VPPL)**
2. Clearance Letter No. & date : J-11011/179/2016-IA II(I)dated 28th November 2017
3. Location: District & State/UT : Dist.: Belgaum. State: Karnataka.
4. Address for Correspondence : Village Bedkihal, Tal.:Chikodi, Dist.: Belgaum, Karnataka State

Six monthly (Period April 2021 to September 2021) Compliance report for Molasses based Distillery 90 KLPD by M/s. Venkateshwara Power Project Ltd. (VPPL)., A/P. Bedkihal village, Chikkodi Taluk, Bedkihal, Belgaum District, Karnataka State.

M/s. Venkateshwara Power Projects Ltd (VPPL) is an integrated project complex, which is located at Bedkihal, Tal: Chikodi, Dist. Belgaum, and Karnataka. In 2000-2001, VPPL commissioned sugar factory and its first cane crushing was done in the year 2001-2002 with 3500 TCD capacity. The Environmental Clearance (EC) from Ministry of Environment, Forest and Climate Change (MoEFCC); Government of India was granted for Co-gen plant of capacity 30 MW in 2010. The Environmental Clearance (EC) from Ministry of Environment, Forest and Climate Change (MoEFCC); Government of India was granted for molasses-based distillery unit of capacity 90 KLPD in 2017. Environmental Clearance copy is enclosed at **Enclosure I**.

Compliance of Specific and General Conditions mentioned in Environmental Clearance (EC) Letter J-11011/179/2016-IA II (I) dated 28th November 2017 for period April 2021 to September 2021 is presented as follows-

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
A	SPECIFIC CONDITIONS	
1	Condition No 1 Consent to Established / Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	Industry is having Consent to Operate for 90 KLPD Molasses based Distillery unit & is valid up to 30.06.2026 . A copy is enclosed at Annexure- I .
2	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.	Raw Spentwash generated from distillery unit @720 CMD is concentrated in MEE & concentrated spentwash 146 CMD is incinerated in boiler. Other effluents generated @651 CMD in the form of spent lees, MEE condensate, boiler & cooling blowdown,

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
		DM, lab-washing effluent is treated in existing Condensate Polishing Unit (CPU) having 1000 CMD capacity. Treated water from CPU will be then reused for industrial operations, thereby achieving Zero Liquid Discharge (ZLD) for process effluent. Photographs of ETP, CPU is enclosed at Annexure-II .
3	Condition No 3 Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provision contained in the Rules shall be strictly adhered to.	Condition is strictly complied. Hazardous waste generated in industry is Used Oil (Cat.5.1) 2 MT/Yr., Contaminated Cotton Waste (Cat. 33.3) 0.2 MT/Yr. & Empty Containers (Cat. 33.1) 195 Nos./Yr. etc. Hazardous waste generated from existing unit is given to KSPCB authorized vendor. Solid Waste (non-hazardous) generated in the form of Yeast Sludge 14 MT/D and CPU Sludge 18 MT/D; used as manure. Ash generated @43 MT/D is collected separately in ash storage yard and sold to the authorized brick/ cement manufacturers. Copy of certificate of the same is enclosed at Annexure –III .
4	Condition No 4 To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and / or the NAAQS. Sulphur content should not exceed in the coal for use in coal fire boilers to control particulate emissions within permissible limits. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB / SPCB guidelines.	Sources of fugitive emissions from the distillery are Ethanol storage area, Distillation column etc. To control this; proper exhaust and ventilation arrangements done & use of PPEs for staff and workers are followed by industry. To control stack emissions ESP) is provided as APC with stack of 70 M to the boiler of 30 TPH. Water sprinkling arrangement has been provided for controlling the fugitive emission in sugar plant, co-gen area in location such as cane yard etc. Photographs of Boiler, Stack & APC equipment's are enclosed at Annexure-IV .
5	Condition No 5 Total fresh water requirement shall not exceed 639 cum/day, and will be met from Sadalga Barrage on Doodhganga River. Prior permission shall be obtained from the concerned regulatory authority in this regard.	Total fresh water requirement for existing unit is 229 M ³ /Day, taken from Dudhganga river. Prior permission is obtained from government of Karnataka on 26.04.2017 . Copy of Water lifting permission is enclosed at Annexure -V .
6	Condition No 6 Process effluent / any wastewater shall not be allowed to mix with storm water. Storm water drained shall be passed through guard pond.	The compliance is already followed by the industry. Storm water collection and conveyance arrangement through closed RCC pipeline has been provided in the premises. The storm water is discharged at

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
		lowest point in the premises of industry and through percolation and infiltration it enriches the ground water table. Therefore mixing of water don't take place on site. Requisite arrangements are provided by the Industry as per designed.
7.	Condition No 7 Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.	No major hazardous chemical are used in distillery unit other chemicals used in distillery are stored separately and Adequate measures have been taken around chemical storage tanks. Flame arresters are provided near tank farm and chemicals are transported through pumps so that spillages should be avoided.
8.	Condition No 8 Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.	As this is agro based industry; ash generated from Distillery Boiler is collected separately in ash storage yard and further is been sold to the authorized brick/ cement manufacturers. Hazardous waste generated in industry is 5.1- Used Oil, Contaminated Cotton Waste- Cat. 33.3, Empty Containers- Cat. 33.1 etc. Hazardous waste generated from existing units is given to KSPCB authorized vendor.
9.	Condition No 9 The company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	Ethanol are produced which are highly flammable liquids. Same are stored in storage tanks installed at tank farm area where storage capacities are provided as: Rectified Spirit 9,00,000 MT, Ethanol 5,00,000 MT, IS 2,00,000 MT, ENA 9,00,000 MT. The tanks farm area is provided with dyke walls, lightening arrestor, firefighting arrangement etc. as per rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989. Further, for RS & Ethanol OISD 117 Rules are also followed. Under existing unit, PESO license is obtained for Class A Installation dated 12.05.2017 . Under expansion same practice will be followed. PESO license is enclosed at Annexure –VI .
10	Condition No 10 The company shall undertake waste minimization measures as below:- (a) Metering and control of quantities of active ingredients to minimize waste.	Industry noted the condition and is strictly following the same. The company is undertaking waste minimization measures as follows:

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
	(b) Reuse of by-product from the process as raw materials substitutes in order processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapor recovery system. (f) Use of high pressures hoses for equipment clearing to reduce wastewater generation.	(a) To reduce the spentwash generation, a yeast culture <i>Saccharomyces cerevisiae</i> will be used. By using this culture there will be reduction in spentwash generation (8 KL/KL of alcohol) shall be achieved. (b) By products generation in existing distillery unit are in form CO₂ and fusel oil. From existing distillery unit CO₂ @ 70MT/D is generated; which is bottled and supplied to manufacturers of beverages /secondary uses and Fusel oil use as raw material for extraction of other alcohol and solvent for paint bases. Photograph of CO₂ bottling plant is enclosed at Annexure-VII. (c) Automated filling to minimize spillage system is followed. (d) Industry uses batch process is used to manufacturing alcohol. (e) Not applicable. (f) Provided to the equipment which resulting minimize waste water generation.
11.	Condition No 11 The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along roadsides etc. Selection of plant species shall be as per the CPCB guidelines in consultations with the State Forest Department.	Total land acquired by VPPL integrated complex is 1, 69,400 M². Under existing set up 41,300 Sq. M. area is covered under green belt which is 24% of total plot area. Thereunder, 7900 different trees are planted in phase wise manner. Also, additional 9% of total plot area will be developed for proposed green belt. Photographs of existing greenbelt is enclosed at Annexure -VIII.
12.	Condition No 12 All the commitment made regarding issues raised during the Public Hearing / consultation meeting held on 5th May 2017 shall be satisfactorily implemented.	The public hearing was conducted as per EIA notification of MoEF government of India 2006 and amendment notification. Under 90 KLPD molasses distillery. All issues raised during Public Hearing or consultation are satisfactorily implemented by industry. Copy of minutes of meeting is enclosed at Annexure-IX.

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13	Condition No 13 At least 2.5% of the total project cost shall be allocated for Enterprise Social Commitment based on Public Hearing issues. The item-wise details along with time bound action plan in this regard shall be prepared and submitted to the Ministry's Regional Office.	Enterprise Social Commitment is being implemented in phase-wise manner. <table border="1" data-bbox="821 373 1485 835"> <thead> <tr> <th data-bbox="821 373 899 451">Sr. No.</th><th data-bbox="899 373 1273 451">ESC Activities</th><th data-bbox="1273 373 1485 451">Amount</th></tr> </thead> <tbody> <tr> <td data-bbox="821 451 899 508">1.</td><td data-bbox="899 451 1273 508">BEING BEDS SUPPLIED TO CPR UNDER CORONA COVID-19</td><td data-bbox="1273 451 1485 508">300000</td></tr> <tr> <td data-bbox="821 508 899 646">2.</td><td data-bbox="899 508 1273 646">BEING PAID FOR DONATION EXPENSES TO SHRI 1008 PARSHWANATH DIGAMBAR JIN MANIR MANAGING COMMITTEE</td><td data-bbox="1273 508 1485 646">21000</td></tr> <tr> <td data-bbox="821 646 899 703">3.</td><td data-bbox="899 646 1273 703">BEING CASH PAID FOR 26TH JANUARY CONTRIBUTION</td><td data-bbox="1273 646 1485 703">5000</td></tr> <tr> <td data-bbox="821 703 899 760">4.</td><td data-bbox="899 703 1273 760">EDUCATIONAL DONATION EXPENSES</td><td data-bbox="1273 703 1485 760">25000</td></tr> <tr> <td data-bbox="821 760 899 816">5.</td><td data-bbox="899 760 1273 816">MEDICAL COMPENSETION</td><td data-bbox="1273 760 1485 816">40000</td></tr> <tr> <td colspan="2" data-bbox="821 816 1273 873">Total</td><td data-bbox="1273 816 1485 873">Rs. 391000</td></tr> </tbody> </table>	Sr. No.	ESC Activities	Amount	1.	BEING BEDS SUPPLIED TO CPR UNDER CORONA COVID-19	300000	2.	BEING PAID FOR DONATION EXPENSES TO SHRI 1008 PARSHWANATH DIGAMBAR JIN MANIR MANAGING COMMITTEE	21000	3.	BEING CASH PAID FOR 26TH JANUARY CONTRIBUTION	5000	4.	EDUCATIONAL DONATION EXPENSES	25000	5.	MEDICAL COMPENSETION	40000	Total		Rs. 391000
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14	Condition No 14 For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosures shall be provided to DG set for controlling the noise pollutions.	Four D.G. Sets of capacity 200 KVA, 250 KVA (2 nos.) & 500 KVA are provided under existing set up. Diesel @160lit/hr is required. DG sets are provided with silencer and stack of 6 M height. HSD is used as fuel for DG sets. DG sets are operated only during power failure situations. Separate arrangements are made to store containers of fuel used for D.G. Sets & is surrounded by firefighting arrangements. The overall noise levels in and around the plant area are kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise control generation.																					
15	Condition No 15 The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	Firefighting arrangements have been provided on site as per Factories Act. Fire hydrant system at manufacturing process and other necessary areas as well as foam system near alcohol storage tanks has been provided. The same comprises of fire extinguishers like CO and DCP cylinders, fire hydrant box, fire hydrant hose nozzles, monitor, fire buckets, safety showers etc. Regular firefighting mock drills are conducted to train workers for fire hazards. Photographs of Fire Fighting System enclosed at Annexure-X.																					

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16	Condition No 16 Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Regular health checkup of all employees is being carried out once in the year. Records of health check is also maintained on site. Moreover, health awareness camps are regularly organized to educate workers and staff members about the Health Hazards and control measures. Workers entering inside the plant area are provided Personal Protective Equipments (PPEs) like ear plug, ear muffs etc. A sample copy of latest health check-up report is enclosed at Annexure -XI.
17	Condition No 17 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.	Online Continuous Monitoring System for stack emissions has been installed for measurement of flue gas discharge and the pollutants concentration pollutants like SPM, SO₂, NO₂. Online system for flow meter analyzer system for inlet flow and outlet flow of ETP has been installed and pollutants like pH, COD, BOD, TSS etc. Regular monitoring is being carried out as per the norms of State Pollution Control Board. Photographs of Online Continuous Monitoring System and online monitoring report are enclosed at Annexure-XII.
B	GENERAL CONDITIONS	
18	Condition No 1 The project authorities must strictly adhere to the stipulations made by the Karnataka State Pollution Control Board, Central Pollution Control Board, State Government and any other statutory authority.	Industry is strictly following all the stipulations made by the Karnataka State Pollution Control Board (KSPCB) and State Government.
19	Condition No 2 No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	No expansion or modifications in the plant will be carried out without prior approval of the Ministry of Environment Forests and Climate Change (MoEFCC). Whenever there is any plan of expansion/modifications, the protocol as per EIA Notification, 2006 and latest amendments will be followed.

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
20	Condition No 3 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 directions as well as where maximum ground level concentrations are anticipated.	Regular monitoring is done on site. The monitoring station locations are decided as per wind rose pattern and as per KSPCB norms. Ambient Air Quality Monitoring Stations should be set up in the down wind direction and upwind direction as well as where maximum ground level concentration of SPM, SO₂, and NO_x, are anticipated in consultation with the State Pollution Control Board.
21	Condition No 4 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.	The Condition is being followed. As per NAAQS standards for ambient air quality vide No. B29016/20/90 PCI-I dated 18th November 2009, we have to measure PM10 & PM2.5 instead of SPM for ambient air. Hence, we have regularly monitored PM10 & PM2.5. Monitored report enclosed at Annexure- XIII.
22	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 level shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Major noise generating source at integrated project complex are Boiler, Distillation section, milling section, turbine, blowers, D.G. set. etc. The overall noise levels in and around the plant area are maintained within the standards prescribed under Environment (Protection) Act, 1986, 1989 Rules. Workers working in noisy area are provided with personal protective equipments such as earplug, earmuffs etc. Refer. Annexure-XIII For Noise Monitored Report.
23	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.	The rain water harvesting plan : ➤ Surface Harvesting: Runoff from Industrial Plot 16.94 Ha. to be harvested and stored in tanks excavated at suitable locations as per the contour levels. ➤ Roof Top Area for rain water harvesting – 5,000 M² ➤ Roof Top Harvesting shall yield – 2880 M³ ➤ Open Land Area in the Industrial Premises – 7254 M² ➤ Surface Harvesting (Partly done) yield – 13,982 M³ ➤ Total water – 16,862 M³ ; 16 ML

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
		➤ Groundwater recharge through infiltration & percolation shall have Positive Impact on Water Table in premises, Reuse of Harvested Water shall save Fresh Water for Domestic and Gardening purposes. On the open land in the premises counter bunding, terracing and dressing will be done so as to divert the rainwater as per natural slopes to various tranches excavated on the plot in a decentralized manner. Further, the recharge points will be located as per geometry of zones. Details of Rainwater Harvesting system and photographs is enclosed at Annexure -XIV.
24	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 and mock drills are conducted for employees on safety and health aspects of chemical handling. Periodical medical checkups for all employees are taken on regular basis. Onsite record is also maintained. Refer. Annexure-XI for Health Check-up Report.

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25	Condition No 8 The company shall also 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.	Compliance strictly followed. The Company is complying with all the environmental protection measures and safeguards and implement all the recommendations made in EIA/EMP. Details are given in table below:			
		No	Description	Cost Component	
				Capital (In Rs. Lakh)	Annual O & M (In Rs. Lakh)
		1	Air Pollution Control - APC (wet scrubber)	1000	50
		2	Water Pollution Control – ETP & Distillery, CPU, MEE	1500	70
		3	Noise Pollution Control	15	2
		4	Solid & Hazardous Waste Management	20	5
		5	Occupational Health & Safety	25	3
		6	Environmental Monitoring & Management	20	2
		7	Green Belt Development	35	5
Total		Rs. 2615	Rs. 137		
26	Condition No 9 The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. ESC activities shall be undertaken by involving local villages and administration.	Industry is actively involved in socio-economic development of the region through contributions and donations through CSR activities. Same will be executed in phase wise manner within 5 years after commissioning of project. The details of CSR activity attached to Annexure- XI .			
		Sr. No.	ESC Activities	Amount	
		1.	BEING BEDS SUPPLIED TO CPR UNDER CORONA COVID-19	300000	
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27	Condition No 10 The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Industry has undertaken from time to time eco development programmes like tree plantation, awareness programmes for local farmers, donations, sugarcane saplings and manure at subsidized rate, amount donation for medical assistance –Covid-19, pandemic situation for amount provision beds, Mask and Medicines etc. in nearby areas.																																								
28	Condition No 11 The company shall remark 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 to be diverted for any other purpose.	The Company is complying with all the environmental protection measures and safeguards and implement all the recommendations made in EIA / EMP. Details are given in table below <table><tr><th rowspan="2">No</th><th rowspan="2">Description</th><th colspan="2">Cost Component</th></tr><tr><th>Capital (In Rs. Lakh)</th><th>Annual O & M (In Rs. Lakh)</th></tr><tr><td>1</td><td>Air Pollution Control - APC (wet scrubber)</td><td>1000</td><td>50</td></tr><tr><td>2</td><td>Water Pollution Control – ETP & Distillery, CPU, MEE</td><td>1500</td><td>70</td></tr><tr><td>3</td><td>Noise Pollution Control</td><td>15</td><td>2</td></tr><tr><td>4</td><td>Solid & Hazardous Waste Management</td><td>20</td><td>5</td></tr><tr><td>5</td><td>Occupational Health & Safety</td><td>25</td><td>3</td></tr><tr><td>6</td><td>Environmental Monitoring & Management</td><td>20</td><td>2</td></tr><tr><td>7</td><td>Green Belt Development</td><td>35</td><td>5</td></tr><tr><td colspan="2">Total</td><td>Rs. 2615</td><td>Rs. 137</td></tr></table>			No	Description	Cost Component		Capital (In Rs. Lakh)	Annual O & M (In Rs. Lakh)	1	Air Pollution Control - APC (wet scrubber)	1000	50	2	Water Pollution Control – ETP & Distillery, CPU, MEE	1500	70	3	Noise Pollution Control	15	2	4	Solid & Hazardous Waste Management	20	5	5	Occupational Health & Safety	25	3	6	Environmental Monitoring & Management	20	2	7	Green Belt Development	35	5	Total		Rs. 2615	Rs. 137
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29	Condition No 12 A copy of clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad / Municipal Corporation, Urban local Body and the Local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal.	The condition is complied. Copy acknowledgement of local body w.r.t. EC granted is enclosed in Annexure -XV.
30	Condition No 13 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 MoEFCC, the respective Zonal Office of CPCB and SPCB. A copy of Environment Clearance and six monthly compliance status report shall be posted on the website of the company.	The submission of six-monthly compliance report subsequent to issue of Environmental Clearance on 28th November 2017 was not done routinely. This happened inadvertently and it is committed that from now onwards the six-monthly compliance report shall be regularly submitted to RO; MoEFCC. Last six-monthly compliance report submit 2019 to KSPCB. Copy acknowledgement six-monthly compliance report is enclosed at Annexure –XVI.
31	Condition No 14 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 MoEFCC by e-mail.	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. Acknowledgements of same are attached at Annexure – XVII. The company will also put the status of compliance of environmental clearance conditions on its website and forward it to the Regional Offices of MoEF.
32	Condition No 15 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 be seen at Website of the Ministry at http://moef.nic.in. This shall be advertised within 7 days from the date of issues of the	Condition is complied. As per EIA notification within 7 days from the date of issues of the clearance letter, at least in the two local newspapers. An advertisement of accord of EC to our 90 KLPD Molasses Distillery unit has been published in two local newspapers one is local language and English newspaper. Advertisement copy is enclosed at Annexure- XVIII.

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
	clearance letter, at least in the 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.	
33	Condition No 16 The Project Authorities should inform the Regional Office as well as the Ministry, the date of financial closure and 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.

Enclosure I
Copy of Environmental Clearance
Letter

F. No. J-11011/179/2016-IA-II(I)
Government of India
Ministry of Environment, Forest and Climate Change
(IA- II Section)

Indira Paryavaran Bhawan
Jorbagh Road, New Delhi -3

Dated: 28th November, 2017

To

M/s Venkateshwara Power Project Ltd
Village Bedkihal, Tehsil Chikkodi
District **Belgaum** (Karnataka)

Sub: Setting up Molasses based Distillery at Survey No.164 to 170 & 85, Village Bedkihal, Tehsil Chikkodi, District Belgaum (Karnataka) by M/s Venkateshwara Power Project Ltd - Environmental Clearance - reg.

Sir,

This has reference to your online proposal no. IA/KA/IND2/66134/2016 dated 12th July, 2017, submitting the EIA/EMP Report and public consultation details 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 setting up 90 KLPD molasses based distillery at Survey No.164 to 170 & 85, Village Bedkihal, Tehsil Chikkodi, District Belgaum (Karnataka) by M/s Venkateshwara Power Project Ltd.

3. The available land area is 28206.59 m². Industry will develop greenbelt in an area of 9307.77 m² out of 28206.59 m² of area of the project. The estimated project cost is Rs.103.73 Crore. Total employment will be for 70-100 persons as direct, and 80-100 persons as indirect.

4. There are no National Parks, Wildlife Sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc within 10 km distance from the project site. Doodhganga and Vedganga rivers are flowing at a distance of 4.5 and 3.87 km in North and West direction respectively.

5. The total water requirement is 1527 m³/day, out of which fresh water requirement of 639 m³/day will be met from Sadalga Barrage on Doodhganga River. An agreement dated 26th April, 2017 has been signed in this regard between the State Government (MI Division, Belgaum) and the project proponent.

Effluent of process condensate will be treated through Condensate Polishing Unit. The unit will be based on zero liquid discharge system.

Power requirement of 2595 kWh will be met from in-house 30 TPH Boiler. The unit will have two DG sets of 250 kVA capacities which are used as standby during power failure. Stack (8-10 m) will be provided as per CPCB norms to the proposed DG sets.



The unit will have 30 TPH Coal and spent wash fired boiler. ESP with a stack of height of 62 m will be installed for controlling the particulate emissions to comply with the statutory norms of 115 mg/Nm³.

6. All molasses based distillery are listed at S.N. 5 (g) (i) of the Schedule to the EIA Notification, 2006 under category 'A' and are appraised at Central Level by sectoral Expert Appraisal Committee (EAC) in the Ministry.

7. The terms of reference (ToR) was granted 23rd September, 2016. Public hearing was conducted by the State Pollution Control Board on 5th May, 2017.

8. The proposal for environmental clearance was placed before the EAC (Industry-2) in its meeting held on 28-29 August, 2017 and 12-13 October, 2017. The project proponent and the accredited consultant M/s SMS Envocare Limited presented the EIA/EMP report as per the ToR. The committee found the EIA/EMP report satisfactory and in consonance with the ToR, and recommended the proposal for environmental clearance with certain conditions.

9. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), the Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to the project '**Setting up 90 KLPD Molasses based Distillery**' by M/s Venkateshwara Power Project Ltd at Survey No.164 to 170 & 85, Village Bedkihal, Tehsil Chikkodi, District Belgaum (Karnataka), under the provisions of EIA Notification, 2006 and the amendments made therein, subject to the compliance of terms and conditions, as under:-

- (i) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (ii) As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
- (iii) Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.
- (iv) To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed in the coal for use in coal fired boilers to control particulate emissions within permissible limits. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
- (v) Total fresh water requirement shall not exceed 639 cum/day, and will be met from Sadalga Barrage on Doodhganga River. Prior permission shall be obtained from the concerned regulatory authority in this regard.
- (vi) Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.



- (vii) Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
- (viii) Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
- (ix) The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
- (x) 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.
- (xi) The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.
- (xii) All the commitment made regarding issues raised during the Public Hearing/ consultation meeting held on 5th May, 2017 shall be satisfactorily implemented.
- (xiii) At least 2.5% of the total project cost shall be allocated for Enterprise Social Commitment based on Public Hearing issues. The item-wise details along with time bound action plan in this regard shall be prepared and submitted to the Ministry's Regional Office.
- (xiv) For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
- (xv) 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.
- (xvi) Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- (xvii) 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.

9.1. The grant of environmental clearance is subject to compliance of other general conditions, as under:-

- (i) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board, Central Pollution Control Board, State Government and any other statutory authority.
- (ii) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- (iii) The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one 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 use the same water for the process activities of the project to conserve fresh water.
- (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 also 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.
- (ix) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. ESC activities shall be undertaken by involving local villages and administration.



- (x) The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
 - (xi) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
 - (xii) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, 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.
 - (xiii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
 - (xiv) The environmental statement for each financial year ending 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.
 - (xv) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <http://moef.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.
 - (xvi) 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.
- 10.** The Ministry may revoke or suspend the clearance, at subsequent stages, if implementation of any of the above conditions is not satisfactory.
- 11.** The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.



12. The above conditions will be enforced, inter alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Water 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.


28/11/2017
(S. K. Srivastava)
Scientist E

Copy to:-

1. The Secretary, Department of Forest, Environment & Ecology, Government of Karnataka, Room No. 708, Gate 2, Multi Storied Building, Dr. Ambedkar Veedhi, Bangalore - 1
2. The Additional Principal Chief Conservator of Forests (C), Ministry of Environment, Forest and Climate Change Regional Office (SZ), Kendriya Sadan, 4th Floor, E&F Wings, 17th Main Road, Koramangala II Block, Bangalore - 34
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex East Arjun Nagar (Delhi) - 32
4. The Member Secretary, Karnataka State Pollution Control Board, "Parisara Bhavan", #49, 4th & 5th Floor, Church Street, Bangalore-1
5. Guard File/Monitoring File/Website/Record File


28/11/2017
(S. K. Srivastava)
Scientist E

Annexure I
Copy of Consent to Operate



**Consent For Operation
(CFO-Air,Water)**

Consent No. AW-327009
Valid upto: 30/06/2026

Industry Colour: RED

Industry Scale: LARGE

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax: 080-25586321
email id: ho@kspcb.gov.in

(This document contains 5 pages including annexure & excluding additional conditions)

Combined Consent Order No. AW-327009

PCB ID:

13223

Date: 23/09/2021

Combined consent for discharge of effluents under the Water (Prevention and Control of Pollution) Act, 1974 and emission under the Air (Prevention and Control of Pollution) Act, 1981

Ref: 1. Application filed by the applicant/organization on 19/06/2021

2. Inspection of the
Industry/organization/by RO,

on 16/06/2021

3. Proceedings of the CCM dated 17/09/2021, held on 07/09/2021

Consent is hereby granted to the Occupier under Section 25(4) of the Water (Prevention & Control of Pollution) Act, 1974 (herein referred to as the Water Act) & Section 21 of Air (Prevention & Control of Pollution) Act, 1981, (herein referred to as the Air Act) and the Rules and Orders made there under and authorized the Occupier to operate /carryout industry/activity & to make discharge of the effluents & emissions conforming to the stipulated standards from the premises mentioned below and subject to the terms and conditions as detailed in the Schedule Annexed to this order.

Location:

Name of the Industry: Venkateshwara Power Project Ltd.

Address: Sy.No.84, 85, 86, 166, 168 & 169,, A/P. Bedkihal village, Chikkodi Taluk, Belgaum District.

Industrial Area: Not In I.A,

Bedkihal,

Taluk: Chikkodi,

District: Chikkodi

CONDITIONS:

a) Discharge of effluents under the Water Act:

Sr	Water Code	WC(KLD)	WWG(KLD)	Remark
1	Domestic Purpose	25.000	20.000	
2	Others	325.000	305.000	Sugar plant
3	Others	226.000	226.000	Co-Gen Plant
4	Others	1527.000	888.000	Distillery Plant

b) Discharge of Air emissions under the Air Act from the following stacks etc.

Sl. No.	Description of chimney/outlet	Limits specified refer schedule
The details of Sources, control equipments and its specification, type of fuel, constituents to be controlled in emissions etc. are detailed in Annexure-II.		

The consent for operation is granted considering the following activities/Products;

Sr	Product Name	Applied Qty/Month	Unit
1	co2 bottling gas	1500.0000	M.T
2	power	21600.0000	MWH
3	rectified spirit (rs) or extra neutral alcohol (ens) or anhydrous alcohol (only	2700.0000	KLT
4	white crystal sugar	10500.0000	TON

This consent is valid for the period from 01/07/2021 to 30/06/2026

To,

Venkateshwara Power Project Ltd.

COPY TO:

The Environmental Officer, KSPCB, Regional Office Belgaum (Chikkodi) for information and necessary action.

2. Master Register.

3. Case file.

Consent Fee paid : Rs. 1000000



**Consent For Operation
(CFO-Air, Water)**

Consent No. AW-327009
Valid upto: 30/06/2026

Industry Colour: RED

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E. NOISE POLLUTION CONTROL:

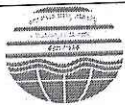
1. The applicant shall ensure that the ambient noise levels within its premises shall not exceed the limits i.e 75 dB(A) Leq during day time and 70 dB(A) Leq during night time as specified in under the Air (Prevention and Control of Pollution) Act, 1981.

F. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUNDARY MOVEMENT) Rules 2016:

The applicant shall comply with the provisions of the Hazardous and other Wastes (Management & Transboundary Movement) Rules 2016.

G. GENERAL CONDITIONS:

1. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises.
2. The applicant shall promptly comply with all orders and instructions issued by the Board from time to time or any other officers of the Board duly authorized in this behalf.
3. The applicant shall set-up Environmental Cell comprising of qualified and competent personnel for complying with the conditions specified.
4. The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.
5. The applicant shall forthwith keep the Board informed of any accidental discharge of emissions/effluents into the atmosphere in excess of the standards laid down by the Board. The applicant shall also take corrective steps to mitigate the impact.
6. The applicant shall provide alternate power supply sufficient to operate all Pollution control equipments.
7. The entire premises shall always be kept clean. The effluent holding area, inspection chambers, outlets, flow measuring points should made easily approachable.
8. The applicant shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.
9. The applicant his heirs, legal representatives or assignee shall have no claims what so ever to the continuation or renewal of this consent after expiry of the validity of consent.
10. The applicant shall make an application for consent for subsequent period at least 45 days before expiry of this consent.
11. The applicant shall develop and maintain adequate green belt all around the periphery.
12. The applicant shall provide rain water harvesting system and shall provide proper storm water management system.
13. This consent is issued without prejudice to any Court Cases pending in any Hon'ble Court
14. The applicant shall furnish the Environmental statement for every financial year ending with 31st March in Form-V as per Environment (Protection) Rules, 1986. The statement shall be furnished before the end of September.
15. The applicant shall display flow diagram of the pollution control system near the pollution control system/s.



**Consent For Operation
(CFO-Air,Water)**

Consent No. AW-327009
Valid upto: 30/06/2026

Industry Colour: RED

Industry Scale: LARGE

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(This document contains 5 pages including annexure & excluding additional conditions)

LOCATION OF SAMPLING PORTHOLE, PLATFORMS, ELECTRICAL OUTLET.

1. Location of Portholes and approach platform:

Portholes shall be provided for all chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to atleast eight times the stack or duct diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame for rectangular stacks, the equivalent diameter can be calculated from the following equation.

$$\text{Equivalent Diameter} = \frac{2 (\text{Length} \times \text{Width})}{(\text{Length} + \text{Width})}$$

2. The diameter of the sampling port should not be less than 100 mm dia". Arrangements should be made so that the porthole is closed firmly during the non sampling period
3. An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point of 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.
4. The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.

For and on behalf of the
Karnataka State Pollution Control Board

Signature Not Verified
Digitally signed by
Date: 2021.09.28 17:50:46
+05:30



**Consent For Operation
(CFO-Air,Water)**

Consent No. A/W-327009
Valid upto: 30/06/2026

Industry Colour: RED

Industry Scale: LARGE

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
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NOTE:

The Conditions A(2b,3b) mentioned in the schedule are not applicable.

Additional Conditions:

- 1) The Occupier shall comply with all the additional terms and conditions stipulated in Annexure-I, A & B attached herewith.
- 2) This consent order contains 12 pages including Annexures.

Chi m.N o.	Chimne y attached to	Capacity/ KVA Rating	Minimum chimney height to be provided above ground level (in Mts)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Fuel	Air pollution Control equipment to be installed, in addition to chimney height as per col.(4)	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	D.G. Sets	250 KVA - II		5 PM(mg/NM3), SO2 (PPM), NOx(PPM)	00,00,00	DIE	AEC, PRT	Before commissioning.
2	D.G. Sets	250 KVA - I		5 PM(mg/NM3), SO2 (PPM), NOx(PPM)	00,00,00	DIE	AEC, PRT	Before commissioning.
3	Boiler	30 TPH Boiler		70 PM(mg/NM3), SO2 (PPM), NOx(PPM)	150,00,00	COA	ESP, PRT	Before commissioning.
4	D.G. Sets	500 KVA DG Set		7 PM(mg/NM3), SO2 (PPM), NOx(PPM)	00,00,00	DIE	AEC, PRT	Before commissioning.
5	D.G. Sets	200 KVA DG Set		6 PM(mg/NM3), SO2 (PPM), NOx(PPM)	00,00,00	DIE	AEC, PRT	Before commissioning.
6	Boiler	90 TPH Boiler		75 PM(mg/NM3), SO2 (PPM), NOx(PPM)	150,00,00	BAG	PRT, SCR	Before commissioning.
7	Boiler	70 TPH Boiler		65 PM(mg/NM3), SO2 (PPM), NOx(PPM)	150,00,00	BAG	PRT, SCR	Before commissioning.

Note:

AEC, PRT : Acoustic Enclosures

ESP, PRT : E.S.P

PRT, SCR : Port Hole

Note:

1. The Noise levels within the premises shall not exceed 75 dB (A) leq during day time and 70 dB(A) leq during night time respectively.
2. The DG set shall be provided with acoustic measures as per SI.No.94 in Schedule-I of Environment (Protection) Rules.
3. There shall be no smell or odour nuisance from the industry.



**Consent For Operation
(CFO-Air,Water)**

Consent No. AW-327009
Valid upto: 30/06/2026

Industry Colour: RED

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SCHEDULE

TERMS AND CONDITIONS

A. TREATMENT AND DISPOSAL OF EFFLUENTS UNDER THE WATER ACT.

1. The discharge from the premises of the occupier shall pass through the terminal manhole/manholes where from the Board shall be free to collect samples in accordance with the provisions of the Act/Rules made there under.
- 2(a). The sewage/domestic effluent shall be treated in septic tank and with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be as per IS 2470 Part-I & Part-II.
- 2(b). The treated sewage effluent discharged shall conform to the standards specified in Annexure-I.
- 3(a). The trade effluent generated in the industry shall be treated in the ETP and treated effluent shall conform to the standards stipulated by the Board in Annexure-I
- 3(b). The trade effluent shall be handed over to CETP and maintain logbook of effluent generated & sent every day.
4. The applicant shall install flow measuring/recording devices to record the discharge quantity and maintain the record.
5. The applicant shall not change or alter either the quality or the quantity or the place of discharge or temperature or the point of discharge without the previous consent/ permission of the Board.
6. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the effluents on the upstream of the terminal manhole where the flow measuring devices are installed.
7. The daily quantity of domestic effluent and trade effluent from the industry shall not exceed the limits as indicated in this consent order:
8. The applicant shall discharge the effluents only to the place mentioned in the Consent order and discharge of treated/untreated outside the premises is not permitted.

B. EMISSIONS:

1. The discharge of emissions from the premises of the applicant shall pass through the air pollution control equipment and discharged through stacks/chimneys mentioned in **Annexure-II** where from the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under. The tolerance limits of the constituents forming the emissions in each of the stacks shall not exceed the limits laid down in Annexure-II.
2. The applicant shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.
3. The applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.

C. MONITORING & REPORTING:

1. The applicant shall get the samples of effluents & emissions collected and get them analyzed once a month/ either by in house monitoring laboratory or through EP approved laboratories for the parameters as Indicated in Annexure I & II.
2. The applicant shall maintain log books to reflect the working condition of pollution control systems and also self monitoring results and keep it open for inspection.

D. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:

1. The applicant shall segregate solid waste from Hazardous Waste, Municipal Solid Waste and store it properly till treatment/disposal without causing pollution to the surrounding Environment.
2. The solid waste generated shall be handled & disposed by scientific method without causing eye sore to the general public and to the surrounding environment.

Annexure II

Photographs of ETP,CPU

Existing Sugar Factory ETP Units



Existing Distillery CPU Units



Annexure III
Certificate of Hazardous waste
authorized vendor



सत्यमेव जयते

INDIA NON JUDICIAL

Government of Karnataka

Rs. 100

e-Stamp

Certificate No. : IN-KA51512052467127S
Certificate Issued Date : 22-Oct-2020 12:25 PM
Account Reference : NONACC (FI)/ kaksfcl08/ BEDKIHAL/ KA-BL
Unique Doc. Reference : SUBIN-KAKAKSFCL0897258910205041S
Purchased by : SHANTADURGA PETRO CHEMICAL KHANAPUR
Description of Document : Article 12 Bond
Description : AGREEMENT
Consideration Price (Rs.) : 0
 (Zero)
First Party : SHANTADURGA PETRO CHEMICAL KHANAPUR
Second Party : VENKATESHWARA POWER PROJECT LTD BEDKIHAL
Stamp Duty Paid By : SHANTADURGA PETRO CHEMICAL KHANAPUR
Stamp Duty Amount (Rs.) : 100
 (One Hundred only)

Issued By

Chd Arihant Credit Soc Sah Ltd,
 Borgaon Br. Bedakihal

Authorized Signature



Please write or type below this line

Agreement for disposal of Hazardous waste / Used Oils
Under Schedule 5.1 of HW (M&H) Rules 2016

This agreement is entered into on 16/03/2020 by and between

For Shantadurga Petro Chemicals

[Signature]
 Partner



Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

M/s. Shantadurga Petrochemicals having their work at
701.1 Hemadaga road, Shedegalli Village At post : Manturga
Khanapur. Dist. Belagavi
Karnataka – 591302

AND

Venkateshwara Power Project Ltd,
A/P Bedkihal, Tal- Chikodi, Dist-Belagavi

It is agreed between the two parties that,

- 1) Shantadurga Petrochemicals (Facility) has been authorized by Karnataka State Pollution Control Board to operate a Hazardous Waste under schedule 5.1 i.e waste oil/used oil. Shantadurga Petrochemicals has been receiving USED OILS from various generators in Karnataka & Maharashtra (Border Area) for disposal of used oils to treat it in environmentally sound manner. Shantadurga Petrochemicals is willing to accept similar waste from Venkateshwara Power Project Ltd, Bedkihal. As per the terms and conditions.
- 2) Venkateshwara Power Project Ltd, Bedkihal Generates following Hazardous waste which needs to be disposed as per Environmental regulations of Karnataka State Pollution Control Board.

USED OILS WITH BARREL @
200 LTR EACH : 500
LTR/YEAR (aprox)

- I) All HW Materials Shall be packed in proper and Environmentally sound manner to avoid any kind of leakages during its transportation. It is to be disposed off along with its packing material, containers etc. It is the responsibility of generator to store the material in proper manner.
- II) All HW materials generated must be stored in an Environmentally friendly manner in the premises of Generator. It must be accessed and tagged before its disposal to the Facility. Cost of hazard waste disposal should be paid by the Facility immediately against its disposal should be paid by the Facility immediately against its disposal by cheque/cash/NEFT in the name of Venkateshwara Power Project Ltd, Bedkihal.

For Shantadurga Petrochemicals

Partner



- III) Price is inclusive of ED, CESS etc. only GST 18% shall be extra applicable.
- IV) FORM – 10 shall be issued by the facility.
- V) Water contents in oil barrel shall be removed by the facility at delivery site before taking the delivery of the material.

Following rates are fixed mutually for disposal Used oil barrels for the period of contract i.e. up to 15th March 2021.

USED OIL WITH BARREL (@2015 LTRS) Rs. 2200/ Barrel

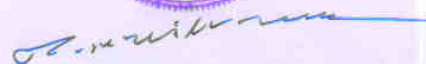
"GENERATOR" AGREES THAT THEY WILL.

- a) Continue to dispose the Used oil as and when generated to "Facility" for a period up to 15th March 2021.
- b) Packed HW preferably stored in sealed, leak-proof containers and ensure that there.
- c) The Containers should be labeled as per **FORM-12**
- d) Transport emergency card as per **FORM-11** and hazardous waste manifest as per **FORM-10** to be sent along with every consignment.
- e) Provide only the approved waste and not any other.

For Shantadurga Petrochemicals



SHANTADURGA PETROCHEMICALS
Varde Complex, Belgaum Road,
At/Post: KHANAPUR-591302
Dist. Belgaum, Karnataka



GENERAL MANAGER

Annexure IV
Photographs of Boiler, Stack & APC
Equipment's

Existing Boiler & APC Equipment's



Annexure V
Copy of Water lifting permission



Venkateshwara Power Project Ltd.

(Sugar Factory)

■ Regd. Off. : Mahadik Pump, Shirol (P), Tal. Hartkangale,
Dist. Kolhapur, Maharashtra 416 122

Phone : 91-230 - 2461002/3/4/5, Fax : 91-230 - 2461006

E mail : vppl@mahadikgroup.com

■ Factory : A/p. Bedkihal, Tal. Chikodi,
Dist. Belgaum, Karnataka 591 214.

Phone : 91 - 8338 - 257001

Telefax : 91 - 8338 - 257008

Ref No. VPPL/Eng/ETP/~~HR~~ 2020-21 CIN : U40101PN1994PLC083924

Date: ~~15~~ 11/12/2020

8/2/2021

To,
The Executive Engineer
Minor Irrigation
Belgaum

Sub: Renewal of water lifting permission for the period of ~~2021~~ to ~~2022~~

Sir,

With reference to the above cited subject, our factory "Venkateshwara Power Project(Sugar Factory) Ltd. Bedkihal" is lifting water from Vedganga River as per our agreement from 26/4/2017 to 26/4/2020 hence the agreement comes to an end on 26/4/2020, so we kindly request you to extend the agreement for next three year.

Further we are ready to pay the water fees as per your bill in challen. We are here with submitting the water consumption report month wise and previous agreement copy. Looking forward for positive reply and needful action

Thanking You

Yours Faithfully

Managing Director

Venkateshwara Power project (Sugar factory) Ltd. Bedkihal

ಕರ್ನಾಟಕ ಸರ್ಕಾರ
ಜಲ ಸಂಪನ್ಮೂಲ ಇಲಾಖೆ (ಸಣ್ಣ ನೀರಾವರಿ)

ನಂ/ಸನೀವಿ/ಬೆ/ಸಿ-2/2017-18 *1702*

ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರವರ ಕಛೇರಿ
ಸಣ್ಣ ನೀರಾವರಿ ವಿಭಾಗ, ಬೆಳಗಾವಿ
ದಿನಾಂಕ: 26/04/2017

ಇವರಿಗೆ,

ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು,
ವೆಂಕಟೇಶ್ವರ ಪವರ್ ಪ್ರೋಜೆಕ್ಟ್ ಅಮಿಟೆಡ್
ಸಕ್ರೆ ಕಾರ್ಖಾನೆ
ಬೆಡಕಿಹಾಳ, ತಾ: ಚಿಕ್ಕೋಡಿ

ಮಾನ್ಯರೇ,

ವಿಷಯ : ವೆಂಕಟೇಶ್ವರ ಪಾವರ್ ಪ್ರೋಜೆಕ್ಟ್ ಸಕ್ರೆ ಕಾರ್ಖಾನೆ ಅಮಿಟೆಡ್ ಬೆಡಕಿಹಾಳ
ತಾ: ಚಿಕ್ಕೋಡಿ ಇವರಿಗೆ ನೀರೆತ್ತುವ ಪರವಾನಿಗೆ ಕೊಡುವ ಕುರಿತು.

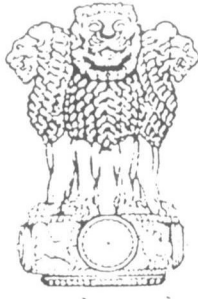
ಉಲ್ಲೇಖ: ವೆಂಕಟೇಶ್ವರ ಪಾವರ್ ಪ್ರೋಜೆಕ್ಟ್ ಸಕ್ರೆ ಕಾರ್ಖಾನೆ ಅಮಿಟೆಡ್ ಬೆಡಕಿಹಾಳ
ತಾ: ಚಿಕ್ಕೋಡಿ ಇವರ ಪ.ಸಂ.125, ದಿನಾಂಕ:16-06-2014

ಮೇಲಿನ ವಿಷಯದನ್ವಯ ಉಲ್ಲೇಖಿತ ಪತ್ರದಲ್ಲಿ ಜೌದ್ಯೋಗಿಕ ಉದ್ದೇಶಕ್ಕಾಗಿ ನೀರನ್ನು
ಬಳಸುವ ಸಂಬಂಧದಲ್ಲಿ ಪರವಾನಿಗೆ ನವೀಕರಿಸಲು ತಿಳಿಸಿರುವ ಪ್ರಯುಕ್ತ ನಿಮ್ಮ ಯೋಜಿತ
ಕಾರ್ಖಾನೆಗೆ ನಮ್ಮ ವಿಭಾಗ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಬರುವ ನೀರೆತ್ತುವ ಕುರಿತು ಇಲಾಖೆಯೊಂದಿಗೆ ಕೈಗೊಂಡ
ಒಡಂಬಡಿಕೆಯ ಪ್ರತಿಯನ್ನು ಇದರೊಂದಿಗೆ ಲಗತ್ತಿಸಿ ಕಳುಹಿಸಲಾಗಿದೆ. (ನವೀಕರಣ ಪ್ರತಿ ಲಗತ್ತಿಸಿದೆ.)

ಅಡಕ: ಒಡಂಬಡಿಕೆಯ ಪ್ರತಿ-1

ತಮ್ಮ ವಿಶ್ವಾಸಿ,

ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರರು,
ಸಣ್ಣ ನೀರಾವರಿ ವಿಭಾಗ ಬೆಳಗಾವಿ.

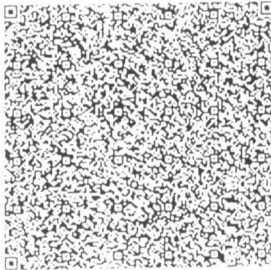


सत्यमेव जयते

INDIA NON JUDICIAL Government of Karnataka

e-Stamp

Certificate No.	: IN-KA05901131963032P
Certificate Issued Date	: 22-Mar-2017 02:57 PM
Account Reference	: NONACC (FI)/ kaksfcl08/ CHIKODI2/ KA-BL
Unique Doc. Reference	: SUBIN-KAKAKSFCL0860567124316321P
Purchased by	: ASHOK B CHANNAVAR AP CHIKODI
Description of Document	: Article 12 Bond
Description	: AGREEMENT
Consideration Price (Rs.)	: 0 (Zero)
First Party	: MANAGING DIRECTOR SOURUM M MAHADIK
Second Party	: EXE ENG M I DIV BELAGAVI
Stamp Duty Paid By	: MANAGING DIRECTOR SOURUM M MAHADIK
Stamp Duty Amount(Rs.)	: 100 (One Hundred only)



AGREEMENT

Agreement made on the day of 26-04-2017 between the Executive Engineer, M.I.Division Belgaum, acting on behalf of the Governor of Karnataka (here after called I.D.) of the one part and the "Managing Director" The Venkateshwara Power project Ltd., (Sugar Factory)

Managing Director
Venkateshwara Power Project Ltd

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಪುನೀರಾವರಿ ವಿಭಾಗ, ಬೆಳಗಾವಿ

factory duly authorized in this behalf the readings of the meters shall be taken on the first working day of every month and recorded in a register kept in the office of the Assistant Ex.Engineer, and the sugar factory duly signed by both the officers.

C) The recording of the meters shall be prima – facie evidence of the quantity of water draw by the sugar factory.

D) In the event of break down of measuring device, the quantity of water shall be assessed by the minor irrigation Division Belgaum, on the strength of energy consumption and capacity of pumping equipment etc. till such time the meters are rectified or replaced as per the instruction of M.I.Division the decision of the Executive Engineer, M.I.Division Belgaum in the connection shall be final and is binding on said factory.

6. The factory has deposited with Government Rs.....
The amount equal to the estimate charges for one year which amount is held by the Government as security deposit for the due for performance of the terms of this agreement.

A) The sugar factory shall keep a record of all pumping hours and the water so pumped from the river and shall make those record available to the M.I.Division officers, whenever required by the M.I.Division.

7. The pumping plant or any other works required for drawing water by pumps from the river shall be so housed as not to interface with the free flow in the river and shall be subject to the approval of the Executive Engineer concerned.
8. The use of water shall be only for the sufficient purpose i.e. for the use in said factory for industrial purpose only, including M.T. crushing per day capacity of sugar plant and 8 M.W. Co-Generation plant for any unauthorized use of water (except for irrigation and domestic purpose as approved by (Executive

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧೀಕ್ಷಕರು
ಪ್ರಾದೇಶಿಕ ನೀರಿನ ಇಲಾಖೆ, ಬೆಂಗಳೂರು

Managing Director
Venkateshwara Power Project Ltd

Engineer) the said sugar factory is liable to pay additional water rates to levied as penalty the ceiling of penalty shall be 3 times of the normal water rate approved by the Government for the period.

9. The sugar factory should make arrangements to see that the molasses or other water products left over crushing shall not be allowed to be thrown in to the river so as to pollute the river water.
10. The sugar factory shall the required machinery to remove the pollution and industrial refused of used water after treatment before allowing the west water from the sugar factory back in to the river.
11. The water drawn by the factory shall be paid at the rate of Rs.3200/- per M.C.Ft. as per G.O. or at the rates that may be revised for enhanced subsequently by the Government.
12. The water rates shall be paid by half yearly payments (financial year) by the sugar factory for each period ending with 30th September and 31st Mach to the Executive Engineer M.I.Division belgaum or to such officer as the Government in writing specify within one month from the date of receipt by the factory of the bill in behalf. The bill shall deemed to have been served on the factory if it is sent by registered post addressed to the Managing director in charge of said sugar factory or by delivering same at the office of sugar factory.
- 13) In case arrears of water rate's the M.I.Division reserves the right to recover the same arrears of land revenue.
14. The department also reserves the right of termination of the agreement on branch of any terms by the factory.
15. Further that the factory is willing to pay the stamp duty charged if it is more than now prescribed.

ಕರ್ನಾಟಕ ಸರ್ಕಾರ
ಪ್ರಧಾನ ಮಂತ್ರಿ, ಬೆಂಗಳೂರು

Managing Director
Venkateshwara Power Project Ltd

16. This agreement shall be in force from 26/4/2017 to 26/4/2020 the end of which the Government reserves the to renew or revoke the Agreement.
17. The Executive Engineer M.I.Division Belgaum reserves the right to Revoke or cancel the permission subject to the detriment of availability of water to the irrigators coming under the command area of sadalaga barrage and also due to the drinking water problem.
18. The executive Engineer M.I.Division Belgaum reserves the right to cancel the permission on the ground of direction from higher authorities or the Government.

Minor Irrigation Division,
Belgaum

For Venkateshwara Power Project Ltd.,

Managing Director
Venkateshwara Power Project Ltd

Witness:

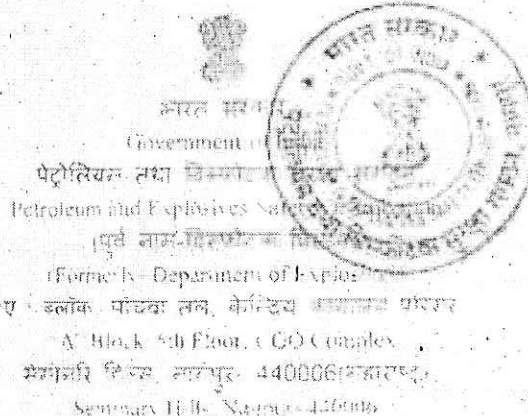
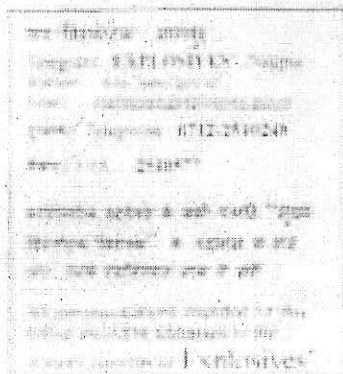
1.


(A. B. Channarayana)

2.


(C. M. Patil)

Annexure VI
Copy of PESO



संख्या/No (P402034)

दिनांक/Dated 10/12/2018

To

M/s. Venkateshwara Power Project Ltd
Mahadik Pupm, Shirol (P)
Tal Hatkanagle Dist Kolhapur,
Maharashtra - 416122

Sub - Safety precautions during handling of ethanol at Survey No 85 166IK 166/1B 167/1 166/1D & 162/2, Village Bedkihal, Tal Chikodi Dist Belgaum Karnataka under the EBP Programme - Regarding

Sir

This has reference to your letter No VPPL/DIST/PESO/2018-19/13 dated 06/12/2018 received in this office on 10/12/2018 along with inspection report issued by competent person recognized under the Petroleum Rules 2002

Based on the inspection report, of the competent person you are requested to adopt the following necessary safety precautions as per provisions of the Petroleum Rules, 2002 while handling the ethanol in the subject premises

- 1 Ethanol shall be kept only in the storage tank(s) Ethanol shall not be stored / supplied in non bulk (containers) and shall not be stored in storage sheds
- 2 The operations for storage, loading / unloading of ethanol shall be carried out during sunrise to sunset under supervision of experienced company officials who will be well versed with the safety provisions of the Petroleum Rules 2002
- 3 Safe Operating Procedures should be followed at all the times during the operations
- 4 Except for necessary pipes and valves and approved electric lights the space within and enclosure and not occupied by tank or tanks shall be kept entirely clear and unoccupied
- 5 All tanks shall be fitted with vent pipes leading into the open air the open end being covered with two layers of fine copper or other non corrodible metal wire gauze of not less than 11 meshes per linear centimeter and fitted with a hood or the tank shall be fitted with an approved relief valve or other approved means of preventing dangerous internal or external pressures. The vent pipe and relief valve of one tank shall not be interconnected with those of any other tank

Accepted And
THE SURVEYORS
230-10-19

- 6 Cast-iron valves are not permitted on any tank and all valves in an installation must be permanently marked in a manner clearly indicating the direction of opening and shutting the valve
- 7 The motors of the pumps shall be of the type approved by Chief Controller of Explosives and conform to IS/IEC 60079-1 standards. The pumps with all connections and fittings be so constructed and maintained as to prevent leakage of ethanol
- 8 The electrical fittings such as starters, junction boxes, switches, light fittings, motors of the transfer pumps, flow meters, etc provided in the premises shall be of the flame proof characteristics type approved by Chief Controller of Explosives
- 9 Tank vehicles shall be filled, discharged or stabled only at designated place having adequate fire fighting facilities. An extract of rules 62 to 66 printed in bold letters in the local language and in Hindi and English shall be prominently displayed at each such position
- 10 The tank vehicles for loading / unloading / transport of ethanol shall fully comply with the requirement laid down in Part IV of chapter III of these rules. Such vehicles shall be approved and licensed by PESO. The loading / unloading operation shall be carried out in presence of authorized company officials only.
- 11 The responsible agent or supervisor referred to in rule 118 shall not allow any person to enter a tank which has contained ethanol unless-
 - (a) Such person wear an approved breathing apparatus of a description approved by the Chief Controller
 - (b) In the responsible agent or supervisor has certified in writing in prescribed proforma given in OISD standard 105, as the result of an examination of the tank by himself or by some other competent person that the atmosphere in the tank is fit for the person to enter and
 - (c) At least one person wear an approved breathing apparatus of a pattern approved by the Chief Controller shall have been kept ready for instant use at the entrance of the tank which is being cleared or repaired
- 12 The certificate referred to in sub-clause (i) of clause (b) of this condition shall be preserved in the licensed premises for a period of three months.
- 13 No work involving the use of fire, welding or hot re-venting shall be performed in or on any tank or within the safety distance required to be observed from such tanks by building and boundary until the tank has been certified in prescribed proforma given in OISD Standard 105 in the manner laid down in clause (b) of condition 11, to be free from ethanol vapour. When any water is pumped into or withdrawn from the tank no further work of above description shall be done until the tank has been retested and a fresh certificate issued. When a tank is opened for cleaning and repairs no lamp of any description either ordinary or electric, electric torches, electric cables or fans other than of a flameproof or intrinsically safe type approved by the Chief Controller shall be brought near tank.
- 14 Adequate precautions against accident should be taken at all the times as per Rule 12 of the said Rules for the prevention of accident by fire or explosion
- 15 No person shall smoke and no matches, fires, lights or articles or substances capable of causing ignition shall be permitted at any time in proximity to the place where ethanol is manufactured, stored, loaded / unloaded or transported

REVIEWED / WITNESSED
 ABC [Signature] 30-10-15
 FOR THE SURVEYORS
 SYSTEMS & SOLUTIONS PVT. LTD.

- 16 Adequate fire fighting facilities such as water monitors at strategic locations sprinklers for the above ground storage tanks, sprinklers for the loading / unloading gantry, fire extinguishers, sand buckets, etc shall be provided. Storage tanks shall be fitted with approved fire foam and/or water sprinkler attachments which shall be maintained in proper order at all times.
- 17 Every care shall be taken to prevent any ethanol escaping into any drain, sewer, harbor, river or watercourse or a public road and enclosures or sumps must not be permanently connected with any drain or sewer.
- 18 M/s Venkatesh Power Project Ltd shall keep daily records and accounts of all receipts and issues of ethanol and shall exhibit his stock and records on demand.
- 19 Any accident fire or explosion occurring in the premises which is attended with loss of human life or serious injury to person or property shall be immediately reported to the nearest Magistrate or to the officer-in charge of the nearest police station and by telephone/fax and also by telegram to the Chief Controller of Explosives.

This issue with the concurrence of Jt Chief Controller of Explosives (H O D)

Yours faithfully,

A B Tongade
Controller of Explosives
For Chief Controller of Explosives

✓
WITNESSED
At A-106 30-10-15
THE SURVEYORS
& SOLUTIONS PVT. LTD.

सॉल्यूटि
SPEED POST



GOVERNMENT OF INDIA
MINISTRY OF EXPLOSIVES & SAFETY
OFFICE OF THE SECRETARY
Ministry of Explosives & Safety
Government of India, New Delhi
New Delhi, India - 110011
Phone: 2301224
Fax: 2301224
E-mail: explosives@gov.in

3

E-mail: explosives@gov.in
Phone/Fax No. 011 2301224, Fax-2301224

Date: 04/05/2017

12 MAY 2017

1. NAME OF THE PROJECT (PROJECT)

1. Name of the Project: Vankarwadi Power Project Limited
2. Location: Pimpri, District: Pimpri
3. District: PIMPRI
4. State: MAHARASHTRA
5. PIN: 411022

2. NAME OF THE PROJECT: Vankarwadi Power Project Limited
3. LOCATION: Pimpri, District: Pimpri
4. DISTRICT: PIMPRI
5. STATE: MAHARASHTRA
6. PIN: 411022

3. NAME OF THE PROJECT

3. NAME OF THE PROJECT: Vankarwadi Power Project Limited

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3. NAME OF THE PROJECT: Vankarwadi Power Project Limited

RECEIVED / WITNESSED
A-1 A-1 30.10.19
FOR THE SURVEYORS
S SYSTEMS & SOLUTIONS PVT LTD

Annexure VII

Photographs of Co₂ plant

CO₂ Bottling Plant



Annexure VIII
Photographs of existing greenbelt

Mass Plantation in VPPL's Premises



Road-side Plantation in VPPL's Premises



Shelter Belt Plantation in VPPL's Premises





Annexure IX
Copy of Public hearing MoM

PROCEEDINGS OF THE PUBLIC HEARING TO UNDERTAKE NEW 90 KLPD MOLASSES BASED DISTILLERY OF M/S. VENKATESHWAR POWER PROJECT LTD, AT EXISTING PREMISES AT SY. NO. 164 TO 170 AND 85, BEDKIHAL VILLAGE, CHIKKODI TALUK, BELAGAVI DISTRICT.

DATE : 05.05.2017

TIME : 11.00AM

VENUE : AT PROJECT SITE

M/s. Venkateshwar Power Project Ltd,. Bedkihal-village having its corporate office at Shirolu village, Hathkanagala-Tq, Kolhapur-Dist, Maharashtra State has proposed to undertake following projects.

- To undertake new 90 klpd molasses based distillery.

DETAILS OF THE PROJECT LOCATION

Survey Numbers 164 to 170 and 85 of Bedkihal village, Chikkodi Taluk, Belagavi District , Karnataka State.

OFFICERS PRESENT

The public hearing was conducted as per EIA notification of MoEF, Government of India 14-09-2006 & amendment notification 01-12-2009.

Public Hearing Panel

<u>Public Hearing Panel Members Present</u>		
1	Shri N. Jayram, I.A.S., The Deputy Commissioner, Belagavi District.	Chairman
2	Sri. M A Maniyar, District Environmental Officer, KSPCB Regional Office, Belagavi-2 (Chikkodi Centre)	Member

REPRESENTATIVES OF M/s. Venkateshwar Power Project Ltd (PROJECT PROPONENT)		
1.	Shri. Swaroop. M. Mahadik	Managing Director
2.	Shri. M. N. Vishwanath	General Manager
3.	Shri. C. B. Kadam	Works Manager
4.	Shri. S. R. Bachche	Chief Chemist
5.	Shri. D. B. Desai	Consultant
6.	Shri. S. A. Chougule	C.D.O.
7.	Shri. Ajit. Narake	Distillery Manager
8.	Shri. Ramdas Patil	Environmental Engineer
9.	Shri. Nilesh. D. Deshmukh	Environmental Consultant
10.	Miss. Hemangi Nalavade	Environmental Consultant
11.	Miss. Savita Upadhyay	Environmental Consultant
12.	Shri. Arunkumar	Environmental Consultant
13.	Miss. Vanita S	Environmental Consultant

As per the Notification issued by the Ministry of Environment and Forests, Government of India on 14.09.2006 (Amendment Notification on 01-12-2009), it is a prerequisite to get Environmental Clearance from the MoEF and it is mandatory that, an Environmental Public Hearing at the project site is be held under the chairmanship of Deputy Commissioner or an officer not below the rank of Additional Deputy Commissioner.

As per the State Level Expert Appraisal Committee, Government of Karnataka, Terms of Reference Letter dated: 23-09-2016 and the concurrence of The Deputy Commissioner Belagavi letter dated: 21-03-2017, the Public Hearing was conducted by the Karnataka State Pollution Control Board on 05-05-2017 at the Project Site, chaired by the Deputy Commissioner Belagavi.

As per the EIA Notification, the Karnataka State Pollution Control Board gave the paper Notification 30 days in advance. The advertisement to this effect was published in the Kannada Daily Newspaper "Vijay Vani" and English Daily Newspaper "The Deccan Herald" dated: 05-04-2017. And in local daily Kannada Newspaper "Rajakiya Moulya" on 06-04-2017.

The suggestions / views / comments and objections of the interested bonafide residents, Environmental groups and others located at the Project site and are likely to be affected by the expansion were given opportunity to send their suggestions, objections, grievances, etc. Either orally or written or through E-mail to the Karnataka State Pollution Control Board / Chairman, Environment Public Hearing Committee, within 30 days from the date of publication of this notification.

The copy of the EIA draft report and Executive summary of the EIA report both in Kannada and English were placed at the following places for the references of the general public.

- Office of the Deputy Commissioner, Belagavi
- Office of the Chief Executive Officer, Zillah Panchayat, Belagavi

- District Industries and Commerce Centre, Belagavi
- The Chief Officer, Town Municipal Council, Chikkodi, Belagavi- District.
- The Gram Panchayat Office, Bedkihal village, Chikkodi- Taluk, Belagavi-District.
- The Senior Environmental Officer, KSPCB, Zonal Office, Dharwad
- Regional Office, Karnataka State Pollution Control Board, Belgavi-02,(Chikkodi Centre)
- Ministry of Environmental & Forests, South Zone Office, E-3/240, KendriyaSadan, 4th floor, E&F Wings, 17th main road, 2nd Block, Koramangal, Bangalore.
- Help Desk, KSPCB, ParisarBhavan, Ground Floor, No.49, Church Street, Bangalore.

The Deputy Commissioner and Chairman of the Public Hearing panel Belagavi verified the notifications issued in the newspapers and ascertained whether sufficient publicity had been made as required under the statute.

The Regional office K S P C B, Belagavi-2(Chikkodi Centre) received one E-mail application till 04-05-2017.

- Suggestion letter from VootkuriSunanada Reddy, Environmentalist Nalgonad, Telangana State through mail on 03-05-2017.
- The memorandum was submitted in the Environmental Public Hearing by the President of the Gram Panchayat, Bedkihal village, Chikkodi-Tq, Belagavi-Dist.

All the above cited letters are enclosed as Annexure-01.

On 05-05-2017, the day fixed for public hearing, Sri M.A. Maniyar, Environmental Officer, Karnataka State Pollution Control Board, Belagavi - 02, (Chikkodi Centre) extended a warm welcome to the Deputy Commissioner Belagavi, the Senior Environmental Officer, all the public, all the officials of different departments, elected representatives and members and the Staff of the Company who were present.

He briefly explained the need for Environmental Clearance from the Ministry of Environment and Forest, Govt. of India and the Environmental Public Hearing as per the EIA Notification, and informed that, accordingly publicity was given in the newspapers 30 days in advance and explained the procedure of the Public hearing and the documents kept for the Public Hearing. He requested the Deputy Commissioner, Chairman of the Environmental Public Hearing to preside over the Public Hearing and requested the Public to interact and to give their views/opinion about the project and to present all their submissions either in writing or orally. The proceedings will be video graphed.

On behalf of M/S. SMS Envocare Ltd., Pune, the Environmental Consultants, Sri ArunKumar., presented the Power Point presentation of the objectives of the proposed project, the Environmental base line data, present scenario of existing environment in the project area. The impact of the project on the environment. Environment Management Plan, measures proposed to control / mitigate the Environmental Pollution and its protection. The hard copy of the presentations made in the public Hearing is enclosed with this proceeding Enclosed as Annexure-02.

Leaders of various political parties, villagers from surrounding villages, NGOs, Students, press and other interested parties, attended the Public Hearing. List of participants, who attended the Public Hearing, is enclosed as Annexure-03.

The Deputy Commissioner requested all the participants to submit their views and comments in writing also, if any to the Chair. In the Public hearing 08 persons expressed their views and are as stated below :

1. Shri. Baburao. Jipre, Nej village.

- He requested the Project proponents to submit the details of the action taken report on the green belt development undertaken by the industry.

2. Shri. Sunanda Reddy, Environmentalist.

- He informed that, he is an environmentalist and advocate by profession and expressed his views and comments on the behalf of the industry.
- He informed that, 01 crore educated youths will come out every year. But, the organised sectors and other institutions will provide hardly 04-05 lakhs employments to them and the remaining the employments will be catered by the industries.
- He congratulated the industry for assigning the task of preparing the environmental assessment report to the highly qualified, experienced environmental consultants.
- He informed that, the detailed study has been carried out on Air, Water and Soil while preparing the environmental assessment report.
- He demanded that, the industry should take up the study on health status of the surrounding villagers, crop yield and ground water recharge within the 10 K.M. radius of the industry.
- He sought the clarification on the precautionary measures taken by the industry for the prevention of the surface and ground water contamination from the pollutants and a detailed report on the rain water harvesting system adopted by the industry.
- He suggested that, industry should economically consume the ground water in par with its availability and recharging capacity.
- He demanded that, the technical institutions shall be established by the industry to train the local people as per the requirements of the industry and provide the employments in the industry.
- He demanded that, to meet the needs of the surrounding people on demand basis and to supervise and review the C.S.R. activities undertaken by the industry, the committee shall be constituted comprising of the Government nominee, Karnataka State Pollution Control Board representative and member from the management.

3. Shri. Malagouda Patil, Bedkihal village.

- He informed that, the Project proponents adopted the modern technologies to combat water pollution and air pollution in the industry. Due to which they are not facing any problems of pollution from the existing industry.
- He further informed that, due to increase in the sugarcane crushing capacity, the farmers are transporting the sugarcane well within the time. The farmers are getting the better price for their sugarcane from the industry.
- He informed that, the industry is supplying the compost manure to the farmers at subsidiary rate.
- The existing industry already provided the adequate employment to the youths. By undertaking the proposed project further more employment opportunities will be generated.
- In view of the above, he requested the Deputy Commissioner to recommend the expansion proposal at the earliest in the benefit and upliftment of the farmers.

4. Shri. Ajit Thombre, Sadalaga.

- He sought the clarification from the authorities regarding the air pollution control measures adopted in the existing industry and the air pollution control measures proposed in the expansion project.
- He informed that, the farmers are getting the better price for their sugarcane from the industry.

5. Shri. R. E. Dhomane, Bedkihal village.

- He informed that, this is one of the best industry operating in the border area. It is boon to the farmers of the surrounding area.
- There are many other sugar industries exist in this area. But, they are not fulfilling nor catering the needs of the surrounding people. But, this industry works in the welfare of the people and fulfils the needs and demands of the surrounding villagers.
- Due to this industry, the surrounding villagers are leading happy and peaceful life.
- The surrounding people are not facing any kind of hardship from the existing industrial operations. At present, there is no air pollution of any kind in this area. The waste water generated from the different processes is being reused and recycled completely.
- The villagers will be more benefitted from the proposed expansion project.
- In view of the above, he sought the co-operation of all the people for the upcoming expansion project and requested the Deputy Commissioner to accord approval for the expansion project of the factory.

6. Shri. Malagouda Patil, Bedkihal village.

- He informed that, this industry is paying highest price to their sugarcane in this area as compared to the other industries in the Belagavi district.
- More employment opportunities will be generated from the proposed expansion project.

- In view of the above, he sought the co-operation of all the people for the upcoming expansion project and requested the Deputy Commissioner to accord approval for the expansion project of the factory.

7. Shri. S. C. Mane, Bedkihal village.

- He said that, he is the Gram Panchayat member and the legal adviser to Gram Panchayat.
- He informed that, there are no major issues with the industry.
- He informed that, during the rainy season the storm water is getting contaminated due to unscientific discharge of the trade waste and other solid wastes generated from the industry. The residence of the ward no. 02, 03, 04 and 05 are facing hardship and health problems.
- The industry should take all suitable steps, precautionary measures and should adopt the latest best available technologies to avert any adverse effects on the health of the people.
- He requested the Project proponents to ensure that, absolutely there shall not be any adverse impact on the health of the people before undertaking the proposed project.
- He demanded that, the Project proponents should not discharge any kind of liquid and solid waste in the water bodies.

8. Shri. Pramodkumar. Patil, Bedkihal village.

- He informed that, it is the matter of fact that, the people will be more benefitted from the proposed project. But, it is also the boundant duty of the factory management that, they should take all the steps and measures and adopt best available modern technology to avert any ill effects on the health of the people.
- He requested the project proponents to review the ill effects if any due to the proposed project on the health of the people. Accordingly adopt the appropriate modern technologies to avert any such ill effects on the people before undertaking proposed project.

9. The memorandum was submitted in the Environmental Public Hearing by the President and other members of the Gram Panchayat, Bedkihal village, Chikkodi-tq, Belagavi-Dist. The following are the contents of the memorandum read before the public.

- There is a strong protest from the villagers to the upcoming 90 KLD molasses based distillery proposed at Sy. No. 164 to 170 and 85 of Bedkihal village, Chikkodi-Tq, Belagavi-Dist.
- There are discontents for the proposed distillery from the villagers.
- Already surface water and ground water bodies are contaminated due to the unscientific discharge of the trade effluents from the existing industry.
- The Air emissions from the chimney and baggas nuisance during wind blow affecting the villagers and the road users.
- In view of the above, the members of Gram Panchayat, Bedkihal and the villagers boycott this public hearing.

- No permission shall be accorded to the proposed project. If the approval is granted the villagers will strongly oppose and protest the same.

The Deputy Commissioner, Belagavi sought the clarification from the Project Proponents on the following issues:

- He informed that, all the industries should develop 33% of the total area as green belt. He expressed his dissatisfaction over the existing the green belt development undertaken by the industry and also informed that, the Project proponents have not taken the serious note on protecting and developing the existing green belt development in this area.
- The Project proponents not fulfilled their earlier promises made during the last public hearing. Now, how can the public keep faith and belief on the promises made in this public hearing?
- He directed the Project proponents to explain the details of the rain water harvesting system adopted/ proposed.
- He informed to explain the necessary steps taken and preventive measures proposed to combat surface and ground water contamination in the surrounding area.
- The details of the water sources, consumption, generation of the trade effluent. Method of collection, storage, transportation, treatment and disposal of the trade waste and solid waste generated during the process.
- Explain the progress and achievements made in the Corporate Social Responsibility activities undertaken by the industry.
- Submit the parawise reply to queries raised through memorandum by the President of the Gram Panchayat, Bedkihal village, Chikkodi-Tq, Belagavi-Dist.

Clarification Submitted by the Project Proponents in the Meeting:

- ❖ The environmental consultant informed that, the Project proponents err marked 8.5 Acres of land for the green belt development. During this financial year they have proposed to undertake plantation of 4000 samplings within the factory premises and 10000 samplings outside the factory premises.
- ❖ Total area of the factory is 28 Acres. Out of which 33% of the area i.e. 09 Acres is reserved for the green belt development. Now, out of 09 acres the green belt development is completed in 06 acres of land. The green belt development in the remaining 03 acres of land will be completed at the earliest.
- ❖ The speciality doctor appointed by the Project proponents serving and taking care of the health of the surrounding people.

- ❖ The parameters exceeding the limits stipulated by the Board of Air, Water and Soil samples are not only due to the industrial activities. Some other factors from the surrounding activities will also contribute in crossing the stipulated limits.
- ❖ The spent wash generated during the distillery operation is incinerated in the boiler and reduced to ash form. This spent wash ash is rich in potash and used as manure.
- ❖ Already the rain water harvesting system is in place. Further study will be undertaken to find out the lacunas in the system and corrective measures will be taken in this year on priority. Due care and all possible precautionary and necessary steps will be taken to prevent the any hardship to the public during rainy season.
- ❖ The measures will be taken to avert the storm water contamination by adopting the latest and the best available technologies in rain water harvesting system in this year only.

SHRI. N JAYARAM, I A S, THE DEPUTY COMMISSIONER, BELAGAVI HAS SUMMED UP THE PROCEEDINGS AFTER PERUSING THE DOCUMENTATION, LISTENING TO THE PUBLIC AND RECORDING, WHAT IS IN PUBLIC INTEREST AS UNDER.

- He informed that, the reply given by the Project proponents to the queries raised in the Public hearing is not satisfactory and expressed his displeasure in this matter.
- Not taken a serious steps and due care in developing the green belt development.
- Not submitted the details regarding the coal consumption and fly ash management.
- Alternative source of water required during the month of March and April.
- The demands, views, grievances & suggestions submitted by the local people in the public hearing meeting will be viewed seriously.
- To undertake stringent dust control measures & dust suppression system to combat the dust emissions generated during the operations. The emission levels in the surrounding areas shall be maintained well below the stipulated standards
- KSPCB shall ensure that the project proponents adopt the best available technologies in revelation & control of the emissions. The stack & Ambient Air Quality monitoring values are to be maintained within the stipulated standards
- Rain water harvesting and water shed management plan should be implemented
- The Company has provide employment, education, health facilities and other amenities as promised by them and in case of any violations shall be viewed seriously and appropriate action shall be taken

Annexure X
Photographs of Fire Fighting System

Fire Fighting Arrangement in VPPL's Premises



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

VENKATESHWARA POWER PROJECT LTD.,
BEDKIHAL - 591214, TAL.CHIKODI DIST.BELGAUM.

EMPLOYEE HEALTH SHEET

Date :

Name : Sujit Kallappa Mane

Age: 43 years

Address: Bhoj

Sex: Male

Mobile : 9008847704

Department: Mechanical. B.H.

Designation: Fitter Helper

Emp. No.: 279

OPD No.:

Complaints: NO COMPLAINTS

Personal History:

NAD

Past History: Diabetes/ HTN/ IHD/ Allergy/ Tuberculosis/ Asthma/ Convulsions/ Fits/
Arthritis/ etc.

Vital Signs: Pulse:

R/R:

Temp:

BP:

Ht:

Wt:

RS :

CVS :

PA :

CNS :

ENT :

EYE : Rt:

Lt:

Joints :

Investigation :

Advised Rx :

Remarks :

RMO

CMO

Dr. Sheetal S. R.
B.A.M.S.
Reg. No. 28439

VENKATESHWARA POWER PROJECT LTD.,
BEDKIHAL - 591214, TAL. CHIKODI DIST. BELGAUM.

EMPLOYEE HEALTH SHEET

Date :

Name : Rajkumar Shankar Maragali Age: 40 years
Address: Nanganoor - K.M., Tal. Hukkeri Sex: Male
Mobile: 8095593957
Department: Agriculture Designation: Slip boy
Emp. No.: 666

OPD No.:

Complaints: Muscle pain, Tingling & numb

Personal History: NO

Past History: Diabetes/ HTN/ IHD/ Allergy/ Tuberculosis/ Asthma/ Convulsions/ Fits/
Arthritis/ etc.

Vital Signs: Pulse: 88/min R/R: 19/min Temp: 96°F
BP: 120/80 mmHg Ht: 5-7" Wt: 85 kg

RS : clear

CVS : NAD

PA : NAD

CNS :

ENT : NAD

EYE : Rt: (N) Lt: (N)

Joints :

Investigation :

Advised Rx :

Remarks :

RMO

CMO

Dr. Sheetal S. R.
B.A.M.S.

Reg. No. 28439

VENKATESHWARA POWER PROJECT LTD.,
BEDKIHAL - 591214, TAL.CHIKODI DIST.BELGAUM.

EMPLOYEE HEALTH SHEET

Date :

Name : Sujit Kallappa Mane

Age: 43 years

Address: Bhoj

Sex: Male

Mobile : 9008847704

Department: Mechanical. B.H.

Designation: Fitter Helper

Emp. No.: 279

OPD No.:

Complaints: NO COMPLAINTS

Personal History:

NAD

Past History: Diabetes/ HTN/ IHD/ Allergy/ Tuberculosis/ Asthma/ Convulsions/ Fits/
Arthritis/ etc.

Vital Signs: Pulse:

R/R:

Temp:

BP:

Ht:

Wt:

RS :

CVS :

PA :

CNS :

ENT :

EYE : Rt:

Lt:

Joints :

Investigation :

Advised Rx :

Remarks :

RMO

CMO

Dr. Sheetal S. R.
B.A.M.S.
Reg. No. 28439

VENKATESHWARA POWER PROJECT LTD.,
BEDKIHAL - 591214, TAL.CHIKODI DIST.BELGAUM.

EMPLOYEE HEALTH SHEET

Date :

Name : Ashok Ramesh More

Age: 39 years

Address: Bedkihal

Sex: Male

Mobile : 7259 5353 54

Department: E-T-P.

Designation: E-T-P-Operator

Emp. No.: 455

OPD No.:

Complaints: Both hip joint pain ⊕

Personal History:

Hb - Gutta churning

Past History: Diabetes/ HTN/ IHD/ Allergy/ Tuberculosis/ Asthma/ Convulsions/ Fits/ Arthritis/ etc.

Vital Signs: Pulse: 80/hr

R/R: 17/hr

Temp: 96.8

BP: 130/80

Ht: 5.5"

Wt: 136kg

RS :

CVS :

PA :

CNS :

ENT :

EYE :

Joints :

NAD

Rt:

(N)

Lt:

(N)

No tenderness at both hip joints

Investigation : BSL

Advised Rx :

Tab. Diclofenac (N)

enbaxol (N)

1 x 100mg

Remarks :

Healthy

RMO

CMO

Dr. Sheetal S. R.
B.A.M.S.
Reg. No. 28430

VENKATESHWARA POWER PROJECT LTD.,
BEDKIHAL - 591214, TAL. CHIKODI DIST. BELGAUM.

EMPLOYEE HEALTH SHEET

Date :

Name : Mohan Dinakar Madde
Address : Galataga
Mobile : 8123528545
Department : Mechanical - Boiler
Emp. No. : 485
OPD No. :

Age : 47 years

Sex : Male

Designation : Pump Attender

Complaints : 40 Acidity frequently

Personal History:

A - Good
B - Clear
C - Clear
D - Clear

Smoking - Tobacco. Chewing -

Past History: Diabetes/ HTN/ IHD/ Allergy/ Tuberculosis/ Asthma/ Convulsions/ Fits/ Arthritis/ etc.

Vital Signs: Pulse : 84/m

R/R : 18/m

Temp : 97.8

BP : 120/80 mmHg

Ht : 5.3"

Wt : 53kg

RS : NAD

CVS : NAD

PA : NAD

CNS : NAD

ENT : NAD

EYE : Rt: (N) Lt: (N)

Joints : NAD

Investigation :

Advised Rx :

Remarks :

RMO

CMO

Dr. Sheetal S. R.
B.A.M.S.
Reg. No. 28439

VENKATESHWARA POWER PROJECT LTD.,
BEDKIHAL - 591214, TAL.CHIKODI DIST.BELGAUM.

EMPLOYEE HEALTH SHEET

Date :

Name : Ashok Ramesh More

Age: 39 years

Address: Bedkihal

Sex: Male

Mobile : 7259 5353 54

Department: E-T-P.

Designation: E-T-P-Operator

Emp. No.: 455

OPD No.:

Complaints: Both hip joint pain ⊕

Personal History:

Hb - Guttae chewing

Past History: Diabetes/ HTN/ IHD/ Allergy/ Tuberculosis/ Asthma/ Convulsions/ Fits/ Arthritis/ etc.

Vital Signs: Pulse: 80/hr

R/R: 17/hr

Temp: 96.8

BP: 130/80

Ht: 5.5"

Wt: 136kg

RS :

CVS :

PA :

CNS :

ENT :

EYE :

Joints :

NAD

Rt:

(N)

Lt:

(N)

No tenderness at both hip joints

Investigation : BSL

Advised Rx :

Tab. Diclofenac (N)

enbaxol (N)

1 x 100mg

Remarks :

Healthy

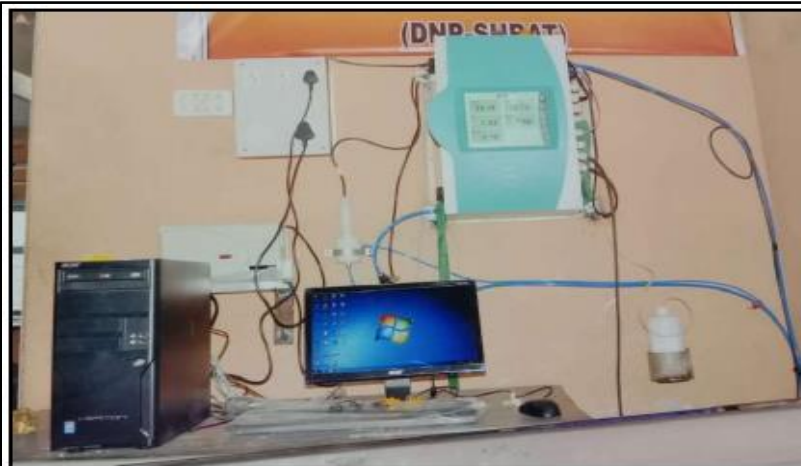
RMO

CMO

Dr. Sheetal S. R.
B.A.M.S.
Reg. No. 28430

Annexure XII
Photographs of Online Continuous
Monitoring System and Reports

Online Continuous Monitoring System



Enviroconnect Forbes Marshall Multi Station Report

From Date	01/12/2020 0:00								
To Date	31/12/2020 23:59								
Interval	Daily								
Function	Average								
Plant	VPPL		VPPL		VPPL		VPPL		VPPL
Analyzer	ETP Outlet		ETP Outlet		ETP Outlet		ETP Outlet		ETP Outlet
Parameter	COD		BOD		TSS		pH		Flow
Unit	mg/l		mg/l		mg/l		pH		m3/hr
Limit	0.00 - 250.00		0.00 - 100.00		0.00 - 100.00		5.50 - 8.50		0.00 - 50.00
01/12/2020 0:00	130.84		33.3		0.56		6.72		0.18
07/12/2020 0:00	92.73		23.81		0.56		7.61		27.63
09/12/2020 0:00	102.61		26.2		0.56		7.27		9.79
10/12/2020 0:00	103.17		26.35		0.56		7.22		11.85
11/12/2020 0:00	81.89		21.05		0.56		7.31		10.5
14/12/2020 0:00	119.82		30.61		0.56		7.39		23.59
15/12/2020 0:00	32.49		8.57		0.56		7.38		0.19
16/12/2020 0:00	149.86		38.06		0.56		7.54		9.45
18/12/2020 0:00	85.2		21.83		0.56		6.83		10.12
19/12/2020 0:00	29.06		7.8		0.56		7.11		27.78
23/12/2020 0:00	41.31		10.84		0.56		7.68		4.76
24/12/2020 0:00	96.8		24.76		0.56		7.71		1.08
25/12/2020 0:00	10.3		3		0.56		7.71		4.27
26/12/2020 0:00	7.15		1.93		0.56		7.72		0.16
27/12/2020 0:00	39.37		10.31		0.56		7.7		0.53
29/12/2020 0:00	66.49		17.13		0.56		7.69		12.7
30/12/2020 0:00	58.64		15.17		0.56		7.69		0.18
31/12/2020 0:00	95.09		24.34		0.56		7.69		11.47
Average	74.6		19.2		0.6		7.4		9.2
Geom.Mean	58.5		15.2		0.6		7.4		3.4
Maximum	149.9		38.1		0.6		7.7		27.8
Median	83.5		21.4		0.6		7.6		9.6
Minimum	7.2		1.9		0.6		6.7		0.2
Mode	58.6		3		0.6		7.4		0.2
Std.Deviation	41.4		10.4		0		0.3		9.2
Total Active Duration									

EnviroConnect Forbes Marshall Multistation Report										
From Date	01/01/2021 0:00									
To Date	31/01/2021 23:59									
Interval	Daily									
Function	Average									
Plant	VPPL		VPPL		VPPL		VPPL		VPPL	
Analyzer	ETP Outlet		ETP Outlet		ETP Outlet		ETP Outlet		ETP Outlet	
Parameter	COD		BOD		TSS		pH		Flow	
Unit	mg/l		mg/l		mg/l		pH		m3/hr	
Limit	0.00 - 250.00		0.00 - 100.00		0.00 - 100.00		5.50 - 8.50		0.00 - 50.00	
02/01/2021 0:00	112.42		28.7		0.56		7.46		11.7	
03/01/2021 0:00	116.87		29.76		0.56		7.59		16.9	
06/01/2021 0:00	61.25		15.84		0.56		6.93		22.62	
07/01/2021 0:00	37.51		9.89		0.56		6.82		17.85	
08/01/2021 0:00	155.45		39.51		0.56		6.7		16.42	
09/01/2021 0:00	106.47		27.2		0.56		6.52		6.29	
11/01/2021 0:00	85.82		22.04		0.56		6.83		19.58	
12/01/2021 0:00	109.29		27.9		0.61		6.98		10.75	
13/01/2021 0:00	101.73		26.02		0.56		7.18		13.83	
14/01/2021 0:00	70.47		18.14		0.56		7.35		13.89	
15/01/2021 0:00	65.48		16.84		0.56		7.46		8.61	
16/01/2021 0:00	0.01		0.3		0.56		7.52		0.19	
17/01/2021 0:00	203.9		51.68		0.56		7.51		14.97	
18/01/2021 0:00	139.94		35.61		0.56		7.57		7.56	
19/01/2021 0:00	117.18		29.89		0.56		7.63		8.98	
20/01/2021 0:00	82.8		21.24		0.56		7.65		7.79	
21/01/2021 0:00	92.42		23.69		0.56		7.63		8.43	
22/01/2021 0:00	99.37		25.48		0.56		7.62		3.97	
24/01/2021 0:00	108.13		27.67		0.56		7.64		9.83	
25/01/2021 0:00	94		24.11		0.56		7.64		6.93	
26/01/2021 0:00	90.09		23.09		0.56		7.69		8.69	
27/01/2021 0:00	127.38		32.55		0.56		7.83		29.86	
29/01/2021 0:00	102.82		26.35		0.56		7.85		22.46	
31/01/2021 0:00	83.63		21.47		0.56		7.99		13.37	
Average	98.5		25.2		0.6		7.4		12.6	
Geom.Mean	66.9		20.8		0.6		7.4		9.9	
Maximum	203.9		51.7		0.6		8		29.9	

Median	100.5		25.7		0.6		7.5		11.2	
Minimum	0		0.3		0.6		6.5		0.2	
Mode	83.6		26.3		0.6		7.6		10.7	
Std.Deviation	39.3		9.9		0		0.4		6.7	
Total Active Duration										

Annexure XIII

Monitoring reports

MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL

(Certified by ISO-14001-2015, ISO 22000-2018, ISO 45001-2018, ISO 9001-2015)

C.M.C Ward No 18 & C.T.C W.No.16 T.S No. 695/A/32/B1, Block No 19 (1st & 2nd Floor)
Sanganakallu Road, KEB Circle, Ballari - 583103 **Contact No** : Mob : 94498 03895, (0) : 08392-255169,

E-mail : msv.lab01@gmail.com, labmsv@gmail.com, **Website** : www.msvlabellary.com



MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: TC720721000002095F

Issued Date: 12.02.2021

1.	Name of the Project	M/s. Venkateshwar Power Projects Ltd.,
2.	Name of the location	PO: Bedkihal, Tq: Chikkodi, Dist: Belgaum
3.	Sample Collected By	Near Main Gate
4.	Particulars of the sample collected	MSV Analytical Laboratories
5.	Date of Sample Receipt	Sample collected with RDS 460BL/Fine Particulate Sampler
6.	Analysis Starting Date	08.02.2021
7.	Analysis Completion Date	09.02.2021
8.	Sample Tested as Received	12.02.2021

RESULTS

S.NO	PARAMETERS	PROTOCOLS	UNITS	DURATION OF MONITORING	RESULTS	NAAQ STANDARDS
1	Particulate Matter PM ₁₀	IS-5182(Part-23) – 2006	µg/m ³	8 hrs	89.25	100
2	Particulate Matter PM _{2.5}	LAB SOP: MSVAL/SOP/A/05 Dt: 2.7.2012	µg/m ³	8 hrs	40.59	60
3	Sulphur Dioxide as SO _x	IS-5182(Part-2) – 2001	µg/m ³	8 hrs	5.22	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6) – 2006	µg/m ³	8 hrs	10.37	80

INFERENCE	As per NAAQ Standards
	Report Status :- The analyzed value for above measured parameter is within the limits

Verified by

P. J.

Authorized Signature

Lingam C. N.



Note: 1. The results listed only to the tested samples & applicable parameters,
2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.
3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
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E-mail : msv.lab01@gmail.com, labmsv@gmail.com, **Website** : www.msvlabellary.com



MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: TC720721000002097F

Issued Date: 12.02.2021

1.	Name of the Project	M/s. Venkateshwar Power Projects Ltd.,
2.	Name of the location	PO: Bedkihal, Tq: Chikkodi, Dist: Belgaum
3.	Sample Collected By	Near Store Room
4.	Particulars of the sample collected	MSV Analytical Laboratories
5.	Date of Sample Receipt	Sample collected with RDS 460BL/Fine Particulate Sampler
6.	Analysis Starting Date	08.02.2021
7.	Analysis Completion Date	09.02.2021
8.	Sample Tested as Received	12.02.2021

RESULTS

S.NO	PARAMETERS	PROTOCOLS	UNITS	DURATION OF MONITORING	RESULTS	NAAQ STANDARDS
1	Particulate Matter PM ₁₀	IS-5182(Part-23) – 2006	µg/m ³	8 hrs	81.42	100
2	Particulate Matter PM _{2.5}	LAB SOP: MSVAL/SOP/A/05, Dt: 2.7.2012	µg/m ³	8 hrs	39.62	60
3	Sulphur Dioxide as SO _x	IS-5182(Part-2) – 2001	µg/m ³	8 hrs	4.29	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6) - 2006	µg/m ³	8 hrs	10.02	80

INFERENCE	As per NAAQ Standards
	Report Status :- The analyzed value for above measured parameter is within the limits

Verified by

P. P. P.

Authorized Signature

K. S. S.





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E-mail : msv.lab01@gmail.com, labmsv@gmail.com, **Website** : www.msvbellary.com



MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: TC720721000002098F

Issued Date: 12.02.2021

- | | | | |
|----|-------------------------------------|---|--|
| 1. | Name of the Project | : | M/s. Venkateshwar Power Projects Ltd., |
| 2. | Name of the location | : | PO: Bedkihal, Tq: Chikkodi, Dist: Belgaum |
| 3. | Sample Collected By | : | Near Administrative Office |
| 4. | Particulars of the sample collected | : | MSV Analytical Laboratories |
| 5. | Date of Sample Receipt | : | Sample collected with RDS 460BL/Fine Particulate Sampler |
| 6. | Analysis Starting Date | : | 08.02.2021 |
| 7. | Analysis Completion Date | : | 09.02.2021 |
| 8. | Sample Tested as Received | : | 12.02.2021 |

RESULTS

S.NO	PARAMETERS	PROTOCOLS	UNITS	DURATION OF MONITORING	RESULTS	NAAQ STANDARDS
1	Particulate Matter PM ₁₀	IS-5182(Part-23) – 2006	µg/m ³	8 hrs	72.46	100
2	Particulate Matter PM _{2.5}	LAB SOP: MSVAL/SOP/A/05, Dt: 2.7.2012	µg/m ³	8 hrs	26.09	60
3	Sulphur Dioxide as SO _x	IS-5182(Part-2) – 2001	µg/m ³	8 hrs	4.15	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6) - 2006	µg/m ³	8 hrs	9.23	80

INFERENCE	As per NAAQ Standards
	Report Status :- The analyzed value for above measured parameter is within the limits

Verified by

P. J.

Authorized Signature

Kangan A. M.



Note: 1. The results listed only to the tested samples & applicable parameters,
2. Water samples will be destroyed after 10 days, Filter papers & Thimbles will be destroyed 3 months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.
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E-mail : msv.lab01@gmail.com, labmsv@gmail.com, **Website :** www.msvalbellary.com



MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: TC720721000002096F

Issued Date: 12.02.2021

1. Name of the Project
2. Name of the location
3. Sample Collected By
4. Particulars of the sample collected
5. Date of Sample Receipt
6. Analysis Starting Date
7. Analysis Completion Date
8. Sample Tested as Received

M/s. Venkateshwar Power Projects Ltd.,
PO: Bedkihal, Tq: Chikkodi, Dist: Belgaum
Near ETP Plant
MSV Analytical Laboratories
Sample collected with RDS 460BL/Fine Particulate Sampler
08.02.2021
09.02.2021
12.02.2021

RESULTS

S.NO	PARAMETERS	PROTOCOLS	UNITS	DURATION OF MONITORING	RESULTS	NAAQ STANDARDS
1	Particulate Matter PM ₁₀	IS-5182(Part-23) – 2006	µg/m ³	8 hrs	82.95	100
2	Particulate Matter PM _{2.5}	LAB SOP: MSVAL/SOP/A/05 Dt: 2.7.2012	µg/m ³	8 hrs	43.28	60
3	Sulphur Dioxide as SO _x	IS-5182(Part-2) – 2001	µg/m ³	8 hrs	5.31	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6) - 2006	µg/m ³	8 hrs	10.19	80

INFERENCE	As per NAAQ Standards
	Report Status :- The analyzed value for above measured parameter is within the limits

Verified by

P. J. ...

Authorized Signature

... ..





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E-mail : msv.lab01@gmail.com, labmsv@gmail.com, **Website :** www.msvalbellary.com



MSVAL/A/F/18/03

ANALYSIS REPORT FOR SOURCE EMISSION

Test Report No: TC720721000002099F

Issued Date: 12.02.2021

1. Name of the Project	M/s. Venkateshwar Power Projects Ltd.,
2. Name of the location	PO: Bedkihal, Tq: Chikkodi, Dist: Belgaum
3. Sample Collected By	70-TPH Boiler
4. Particulars of the sample collected	MSV Analytical Laboratories
5. Date of Sample Receipt	Stack Sampler
6. Analysis Starting Date	08.02.2021
7. Analysis Completion Date	09.02.2021
8. Sample Tested as Received	12.02.2021

GENERAL DETAILS

Date of Monitoring	08.02.2021
Fuel Used	Bagasse
Stack Temperature ($^{\circ}$ C)	138
Velocity (m/s)	8.12
Height (m)	65
Diameter (m)	2.8

RESULTS

PARAMETERS	PROTOCOL	UNIT	RESULT	KSPCB STANDARDS
Particulate Matter	IS-11255(Part 1) - 1985	mg/Nm ³	121.4	150
Sulphur dioxide	IS-11255(Part 2) - 1985	mg/Nm ³	12.26	-
Nitrogen dioxide	IS-11255(Part 7) - 2005	mg/Nm ³	21.71	-

INFERENCE	As per KSPCB Standards
	Report Status :- The analyzed value for above measured parameter is within the limits

Verified by

P. J.

Authorized Signature

Linga



Note : 1. The results listed only to the tested samples & applicable parameters,

2. Water samples will be destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.

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4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary Jurisdiction only.

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E-mail : msv.lab01@gmail.com, labmsv@gmail.com, **Website :** www.msvalbellary.com



MSVAL/A/F/18/03

ANALYSIS REPORT FOR SOURCE EMISSION

Test Report No: TC720721000002100F

Issued Date: 12.02.2021

- | | |
|--|---|
| 1. Name of the Project | M/s. Venkateshwar Power Projects Ltd., |
| 2. Name of the location | PO: Bedkihal, Tq: Chikkodi, Dist: Belgaum |
| 3. Sample Collected By | 90 TPH Boiler |
| 4. Particulars of the sample collected | MSV Analytical Laboratories |
| 5. Date of Sample Receipt | Stack Sampler |
| 6. Analysis Starting Date | 08.02.2021 |
| 7. Analysis Completion Date | 09.02.2021 |
| 8. Sample Tested as Received | 12.02.2021 |

GENERAL DETAILS

Date of Monitoring	08.02.2021
Fuel Used	Bagasse
Stack Temperature (°C)	141
Velocity (m/s)	8.28
Height (m)	75
Diameter (m)	2.8

RESULTS

PARAMETERS	PROTOCOL	UNIT	RESULT	KSPCB STANDARDS
Particulate Matter	IS-11255(Part 1) - 1985	mg/Nm ³	126.9	150
Sulphur dioxide	IS-11255(Part 2) - 1985	mg/Nm ³	12.95	-
Nitrogen dioxide	IS-11255(Part 7) - 2005	mg/Nm ³	14.02	-

INFERENCE	As per KSPCB Standards
	Report Status :- The analyzed value for above measured parameter is within the limits

Verified by

P. J.

Authorized Signature

Kingman



Note: 1. The results listed only to the tested samples & applicable parameters,
2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.
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E-mail : msv.lab01@gmail.com, labmsv@gmail.com, **Website** : www.msvalbellary.com



MSVAL/A/F/17/04

NOISE LEVEL MONITORING REPORT

Test Report No: TC720721000002104F

Issued Date: 12.02.2021

- | | | |
|--|---|---|
| 1. Name of the Project | : | M/s. Venkateshwar Power Projects Ltd., |
| 2. Sample Collected By | : | PQ: Bedkihal, Tq: Chikkodi, Dist: Belgaum |
| 3. Particulars of the sample collected | : | MSV Analytical Laboratories |
| 4. Date of Monitoring | : | Noise meter |
| 5. Report Date | : | 08.02.2021 |
| 6. Method Adopted | : | 12.02.2021 |
| | : | Instrument Manual Method |

S.No	Sample Location	Time Frequency	RESULTS			
			Min in dB(A) Leq	Max in dB(A) Leq	Avg. in dB(A) Leq	KSPCB limits in dB(A) Leq
1	Near Boiler	12.10pm to 12.25pm	70.4	72.9	71.6	75 (6.00am to 10.00pm)
2	Near Turbine	12.30pm to 12.45pm	71.5	73.2	72.3	
3	Near ETP Plant	01.30pm to 01.45pm	67.2	71.4	69.3	
4	Near Main Gate	02.10pm to 02.25pm	68.0	72.5	70.2	

INFERENCE	As per KSPCB Standards,
	Report Status :- In the all locations Noise level is within the limits

Verified by

P. J. J.

Authorized Signature

Angana Ch. M.



Note: 1. The results listed only to the tested samples & applicable parameters,
2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.
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MSVAL/A/F/14/03

ANALYSIS REPORT OF WASTE WATER QUALITY

Test Report No:TC720721000002101F

Issue Date: 12.02.2021

1. Name of the Project : **M/s. Venkateshwar Power Projects Ltd.,**
PO: Bedkihal, Tq: Chikkodi, Dist: Belgaum
2. Sample Type : Treated water (ETP)
3. Sample Collected By : Customer
4. Particulars of Sample Collected :
5. Sample description/condition : Good/Satisfactory
6. Date of sample Receipt : 08.02.2021
7. Analysis Starting date : 09.02.2021
8. Analysis Completion Date : 12.02.2021
9. Sample Tested as Received

RESULTS

S.NO	PARAMETERS	PROTOCOL	UNIT	RESULT	TOLERANCE LIMITS AS PER KSPCB CONSENT
1	Color	IS : 3025(part-4) : 1983 (RA 2017)	Hazen	<1	-
2	Odour	IS : 3025(part-5) : 1983 (RA 2017)		Agreeable	-
3	pH @ 25° C	APHA 23 rd Edition-2017, 4500 H ⁺ , B		7.39	5.5 - 9.0
4	Total Suspended solids, Max	APHA 23 rd Edition-2017, 2540 F	mg/L	64.0	100
5	Total Dissolved solids, Max	APHA 23 rd Edition-2017, 2540 C	mg/L	1140.0	2100
6	Bio-chemical Oxygen Demand (3 days at 27°C), Max	IS-3025:1993(part 44) (RA 2009)	mg/L	68.0	100
7	Oil & Grease, Max	APHA 23 rd Edition-2017, 5520 D	mg/L	BDL	10

BDL: Below detectable limit, (Oil & Grease – 1.0 mg/L)

INFERENCE	As per KSPCB Consent Standards,
	Report Status: - The analyzed values for above measured parameters are within the limits.

Verified by

P. Kumar

Authorized Signature

Lingam A. M.



Note : 1. The results listed only to the tested samples & applicable parameters,

2. Water samples will be destroyed after 10 days, Filter papers & Thimbles will be destroyed 3 months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.

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E-mail : msv.lab01@gmail.com, labmsv@gmail.com, **Website** : www.msvalbellary.com



MSVAL/A/F/14/03

ANALYSIS REPORT OF WASTE WATER QUALITY

Test Report No:TC720721000002102F

Issue Date: 12.02.2021

1. Name of the Project : M/s. Venkateshwar Power Projects Ltd.,
PO: Bedkihal, Tq: Chikkodi, Dist: Belgaum
2. Sample Type : Untreated water (ETP)
3. Sample Collected By : Customer
4. Particulars of Sample Collected : -
5. Sample description/condition : Good/Satisfactory
6. Date of sample Receipt : 08.02.2021
7. Analysis Starting date : 09.02.2021
8. Analysis Completion Date : 12.02.2021
9. Sample Tested as Received

RESULTS

S.NO	PARAMETERS	PROTOCOL	UNIT	RESULT
1	Color	IS : 3025(part-4) : 1983 (RA 2017)	Hazen	<10
2	Odour	IS : 3025(part-5) : 1983 (RA 2017)	-	Agreeable
3	pH @ 25 ^o C	APHA 23 rd Edition-2017, 4500 H ⁺ , B	-	5.12
4	Total Suspended solids	APHA 23 rd Edition-2017, 2540 F	mg/L	170.0
5	Total Dissolved solids	APHA 23 rd Edition-2017, 2540 C	mg/L	2160.0
6	Bio-chemical Oxygen Demand (3 days at 27 ^o C)	IS-3025:1993(part 44) (RA 2009)	mg/L	890.0
7	Oil & Grease	APHA 23 rd Edition-2017, 5520 D	mg/L	2.0

Verified by

P. J.

Authorized Signature

Lingappa



Note : 1. The results listed only to the tested samples & applicable parameters,

2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.

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E-mail : msv.lab01@gmail.com, labmsv@gmail.com, **Website :** www.msvlabellary.com



MSVAL/A/F/18/03

ANALYSIS REPORT OF WATER QUALITY

Test Report No: TC720721000002103F

Issued Date: 12.02.2021

1. Name of the Project	M/s. Venkateshwar Power Projects Ltd.,
2. Sample Type	PO: Bedkihal, Tq: Chikkodi, Dist: Belgaum
3. Sample Collected By	Borewell Water (Baggage Yard)
4. Particulars of Sample	Customer
5. Sample description/condition	Good/Satisfactory
6. Date of sample Receipt	08.02.2021
7. Analysis Starting date	09.02.2021
8. Analysis Completion Date	12.02.2021
9. Sample Tested as Received	

RESULTS

RESULTS

S.No	Parameters	Protocol	Unit	Result	IS 10500-2012	
					Acceptable Limit	Permissible limit
Physical Parameters						
1	Colour, Max	IS: 3025 (Part 4) – 1983 (RA:2017)	Hazen Units	<5	5	15
2	Total dissolved solids, Max	APHA 23 rd Edition-2017,2540 C	mg/L	920.0	500	2000
3	pH @ 25 ⁰ C	APHA 23 rd Edition-2017,4500 H+	-	6.71	6.5 – 8.5	6.5 – 8.5
4	Turbidity, Max	APHA 23 rd EDITION-2017, 2530 B	NTU	0.78	1	5
Chemical Parameters						
5	Total Alkalinity as CaCO ₃ , Max	APHA 23 rd EDITION-2017, 2320 B	mg/L	192.2	200	600
6	Total Hardness as CaCO ₃ , Max	APHA 23 rd EDITION-2017, 2340 C	mg/L	387.5	200	600
7	Nitrate Nitrogen (as NO ₃ N), Max	APHA 23 rd EDITION-2017, 4500 NO ₃	mg/L	10.4	45	No relaxation
8	Chloride (as Cl), Max	APHA 23 rd EDITION-2017, 4500-Cl ⁻ ,B	mg/L _e	123.9	250	1000
9	Sulphate (as SO ₄), Max	APHA 23 rd EDITION-2017, 4500 So ₄	mg/L	141.25	200	400
10	Calcium (as Ca), Max	APHA 23 rd EDITION-2017, 3500 Ca ,B	mg/L	114.24	75	200
11	Magnesium (as Mg), Max	APHA 23 rd EDITION-2017, 3500-Mg, B	mg/L	49.07	30	100
12	Fluoride (as F), Max	APHA 23 rd EDITION-2017, 4500-F,D	mg/L	0.42	1.0	1.5
13	Iron (as Fe), Max	APHA 23 rd EDITION-2017, 3500-Fe ,B	mg/L	0.08	1.0	No relaxation
BDL – Below Detectable Limit, (Colour- <1 Hazen Units, Iron-0.05mg/L),						

INFERENCE

As per IS 10500:2012 Standards,

Report Status: - The analyzed values for above measured parameters are within the limits.

Verified by

P. J. ...

Authorized Signature

K. S. ...



Note : 1. The results listed only to the tested samples & applicable parameters,

2. Water samples will be destroyed after 10 days, Filter papers & Thimbles will be destroyed 3 months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.

3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.

4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary Jurisdiction only.

5. Sampling is not done by us unless otherwise specified. 6. The tests and/or calibrations marked with an asterisk are not accredited by NABL.



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL

(Certified by ISO-14001-2015, ISO 22000-2018, ISO 45001-2018, ISO 9001-2015)

C.M.C Ward No 18 & C.T.C W.No.16 T.S No. 695/A/32/B1, Block No 19 (1st & 2nd Floor)

Sanganakallu Road, KEB Circle, Ballari - 583103 **Contact No :** Mob : 94498 03895, (O) : 08392-255169,

E-mail : msv.lab01@gmail.com, labmsv@gmail.com, **Website :** www.msvlabellary.com



MSVAL/A/F/18/03

ANALYSIS REPORT OF WATER QUALITY

Test Report No: TC720721000002105F

Issued Date: 12.02.2021

1. Name of the Project	M/s. Venkateshwar Power Projects Ltd.,
2. Sample Type	PO: Bedkihal, Tq: Chikkodi, Dist: Belgaum
3. Sample Collected By	Borewell Water (Near Store)
4. Particulars of Sample	Customer
5. Sample description/condition	Good/Satisfactory
6. Date of sample Receipt	08.02.2021
7. Analysis Starting date	09.02.2021
8. Analysis Completion Date	12.02.2021
9. Sample Tested as Received	

RESULTS

RESULTS						
S.No	Parameters	Protocol	Unit	Result	IS 10500-2012	
					Acceptable Limit	Permissible limit
Physical Parameters						
1	Colour, Max	IS: 3025 (Part 4) – 1983 (RA:2017)	Hazen Units	<1	5	15
2	Total dissolved solids, Max	APHA 23 rd Edition-2017,2540 C	mg/L	960.0	500	2000
3	pH @ 25 ⁰ C	APHA 23 rd Edition-2017,4500 H+		6.92	6.5 – 8.5	6.5 – 8.5
4	Turbidity, Max	APHA 23 rd EDITION-2017, 2530 B	NTU	0.98	1	5
Chemical Parameters						
5	Total Alkalinity as CaCO ₃ , Max	APHA 23 rd EDITION-2017, 2320 B	mg/L	228.6	200	600
6	Total Hardness as CaCO ₃ , Max	APHA 23 rd EDITION-2017, 2340 C	mg/L	436.5	200	600
7	Nitrate Nitrogen (as NO ₃ N), Max	APHA 23 rd EDITION-2017, 4500 NO ₃	mg/L	13.49	45	No relaxation
8	Chloride (as Cl), Max	APHA 23 rd EDITION-2017, 4500-Cl ⁻ ,B	mg/L	153.9	250	1000
9	Sulphate (as SO ₄), Max	APHA 23 rd EDITION-2017, 4500 So ₄	mg/L	121.4	200	400
10	Calcium (as Ca), Max	APHA 23 rd EDITION-2017, 3500 Ca ,B	mg/L	110.16	75	200
11	Magnesium (as Mg), Max	APHA 23 rd EDITION-2017, 3500-Mg, B	mg/L	39.16	30	100
12	Fluoride (as F), Max	APHA 23 rd EDITION-2017, 4500-F,D	mg/L	1.28	1.0	1.5
13	Iron (as Fe), Max	APHA 23 rd EDITION-2017, 3500-Fe ,B	mg/L	0.12	1.0	No relaxation
BDL – Below Detectable Limit, (Colour- <1 Hazen Units, Iron-0.05mg/L),						

INFERENCE

As per IS 10500:2012 Standards,

Report Status: - The analyzed values for above measured parameters are within the limits.

Verified by

P. J.

Authorized Signature

K. Nagaraj



Note: 1. The results listed only to the tested samples & applicable parameters,
2. Water samples will be destroyed after 10 days, Filter papers & Thimbles will be destroyed 3 months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.
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MSV Analytical Laboratories

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(Certified by ISO-14001-2015, ISO 22000-2018, ISO 45001-2018, ISO 9001-2015)

C.M.C Ward No 18 & C.T.C W.No.16 T.S No. 695/A/32/B1, Block No 19 (1st & 2nd Floor)
Sanganakallu Road, KEB Circle, Ballari - 583103 **Contact No :** Mob : 94498 03895, (D) : 08392-255169,

E-mail : msv.lab01@gmail.com, labmsv@gmail.com, **Website :** www.msvlabellary.com



MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: TC720721000002032F

Issued Date: 12.02.2021

- | | |
|--|---|
| 1. Name of the Project | M/s. Venkateshwar Power Projects Ltd.,
PO: Bedkihal, Tq: Chikkodi, Dist: Belgaum
(Distillery Section) |
| 2. Name of the location | Near Main Gate |
| 3. Sample Collected By | MSV Analytical Laboratories |
| 4. Particulars of the sample collected | Sample collected with RDS 460BL/Fine Particulate Sampler |
| 5. Date of Sample Receipt | 08.02.2021 |
| 6. Analysis Starting Date | 09.02.2021 |
| 7. Analysis Completion Date | 12.02.2021 |
| 8. Sample Tested as Received | |

RESULTS

S.NO	PARAMETERS	PROTOCOLS	UNITS	DURATION OF MONITORING	RESULTS	NAAQ STANDARDS
1	Particulate Matter PM ₁₀	IS-5182(Part-23) – 2006	µg/m ³	8 hrs	88.41	100
2	Particulate Matter PM _{2.5}	LAB SOP: MSVAL/SOP/A/05, Dt: 2.7.2012	µg/m ³	8 hrs	42.08	60
3	Sulphur Dioxide as SO _x	IS-5182(Part-2) – 2001	µg/m ³	8 hrs	5.28	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6) - 2006	µg/m ³	8 hrs	10.34	80

INFERENCE	As per NAAQ Standards
	Report Status :- The analyzed value for above measured parameter is within the limits

Verified by

P. D.

Authorized Signature

Srinivas



Note : 1. The results listed only to the tested samples & applicable parameters,

2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.

3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.

4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary Jurisdiction only.

5. Sampling is not done by us unless otherwise specified. 6. The tests and/or calibrations marked with an are not accredited by NABL.



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL

(Certified by ISO-14001-2015, ISO 22000-2018, ISO 45001-2018, ISO 9001-2015)

C.M.C Ward No 18 & C.T.C W.No.16 T.S No. 695/A/32/B1, Block No 19 (1st & 2nd Floor)

Sanganakallu Road, KEB Circle, Ballari - 583103 **Contact No :** Mob : 94498 03895, (0) : 08392-255169,

E-mail : msv.lab01@gmail.com, labmsv@gmail.com, **Website :** www.msvlabellary.com



MSVAL/A/F/18/03

ANALYSIS REPORT FOR SOURCE EMISSION

Test Report No: TC720721000002033F

Issued Date: 12.02.2021

- | | |
|--|---|
| 1. Name of the Project | M/s. Venkateshwar Power Projects Ltd.,
PO: Bedkihal, Tq: Chikkodi, Dist: Belgaum
(Distillery Section) |
| 2. Name of the location | 30 TPH Boiler |
| 3. Sample Collected By | MSV Analytical Laboratories |
| 4. Particulars of the sample collected | Stack Sampler |
| 5. Date of Sample Receipt | 08.02.2021 |
| 6. Analysis Starting Date | 09.02.2021 |
| 7. Analysis Completion Date | 12.02.2021 |
| 8. Sample Tested as Received | |

GENERAL DETAILS

Date of Monitoring	08.02.2021
Fuel Used	Coal & Spent wash
Stack Temperature ($^{\circ}$ C)	119
Velocity (m/s)	7.26
Height (m)	70
Diameter (m)	1.7

RESULTS

PARAMETERS	PROTOCOL	UNIT	RESULT	KSPCB STANDARDS
Particulate Matter	IS-11255(Part 1) - 1985	mg/Nm ³	124.2	150
Sulphur dioxide	IS-11255(Part 2) - 1985	mg/Nm ³	11.46	-
Nitrogen dioxide	IS-11255(Part 7) - 2005	mg/Nm ³	21.95	-

INFERENCE	As per KSPCB Standards
	Report Status :- The analyzed value for above measured parameter is within the limits

Verified by

P. d. m.

Authorized Signature

K. S. S. S.



- Note: 1. The results listed only to the tested samples & applicable parameters,
2. Water samples will be destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.
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MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL

(Certified by ISO-14001-2015, ISO 22000-2018, ISO 45001-2018, ISO 9001-2015)

C.M.C Ward No 18 & C.T.C W.No.16 T.S No. 695/A/32/B1, Block No 19 (1st & 2nd Floor)

Sanganakallu Road, KEB Circle, Ballari - 583103 **Contact No :** Mob : 94498 03895, (0) : 08392-255169,

E-mail : msv.lab01@gmail.com, labmsv@gmail.com, **Website :** www.msvbellary.com



MSVAL/A/F/17/04

NOISE LEVEL MONITORING REPORT

Test Report No: TC720721000002034F

Issued Date: 12.02.2021

- | | |
|--|---|
| 1. Name of the Project | M/s. Venkateshwar Power Projects Ltd., |
| | PO: Bedkihal, Tq: Chikkodi, Dist: Belgaum |
| | (Distillery Section) |
| 2. Sample Collected By | MSV Analytical Laboratories |
| 3. Particulars of the sample collected | Noise meter |
| 4. Date of Monitoring | 08.02.2021 |
| 5. Report Date | 12.02.2021 |
| 6. Method Adopted | Instrument Manual Method |

S.No	Sample Location	Time Frequency	RESULTS			
			Min in dB(A) Leq	Max in dB(A) Leq	Avg. in dB(A) Leq	KSPCB limits in dB(A) Leq
1	Near Weigh Bridge	11.30am to 11.45am	65.9	70.2	68.0	75 (6.00am to 10.00pm)

INFERENCE	As per KSPCB Standards,
	Report Status :- In the all locations Noise level is within the limits

Verified by

P. J.

Authorized Signature

Kangan A.P.



Note : 1. The results listed only to the tested samples & applicable parameters,
2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.
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Annexure XIII
Layout of Rainwater Harvesting
system and photographs

Rooftop Rainwater Harvesting Arrangement in VPPL's Premises





Annexure XIV

Details of CSR Activity

Venkateshwara Power Project Ltd., Bedkihal								
General Ledger - 700 - CSR EXPENSES								
Period 01/04/2020 to 31/03/2021								
Date	Voucher No.	GL	Perticulars	Chq./DD/Advice	Debit	Credit	Balance	Db/ Cr
			Opening Balance.....				0	
23-Apr-20	BB - 573	BANK OF BARODA C/C A/C NO. 05/35	BEING BEDS SUPPLIED TO CPR UNDER CORONA COVID-19	10679	300,000.00		300,000.00	Db
11-May-20	PP - 2	SUNDRY CREDITORS [AGNST.MATERIAL SUPPL.(GENERAL]	Purchase Bill No. - O-1 dt. 20/04/2020, NIPURN ENGINEERING PVT LTD		397,000.00		697,000.00	Db
30-May-20	PP - 9	SUNDRY CREDITORS [AGNST.MATERIAL SUPPL.(GENERAL]	Purchase Bill No. - 72 dt. 19/05/2020, SHRI VASUDEV TRADING CO.		98,250.00		795,250.00	Db
30-May-20	PP - 10	SUNDRY CREDITORS [AGNST.MATERIAL SUPPL.(GENERAL]	Purchase Bill No. - 75 dt. 20/05/2020, SHRI VASUDEV TRADING CO.		49,700.00		844,950.00	Db
30-May-20	PP - 11	SUNDRY CREDITORS [AGNST.MATERIAL SUPPL.(GENERAL]	Purchase Bill No. - 82 dt. 22/05/2020, SHRI VASUDEV TRADING CO.		49,700.00		894,650.00	Db
30-May-20	PP - 13	SUNDRY CREDITORS [AGNST.MATERIAL SUPPL.(GENERAL]	Purchase Bill No. - 20-21/ 012 dt. 05/05/2020, TUBE CRAFT INDUSTRIES		254,237.70		1,148,887.70	Db
31-May-20	PP - 14	SUNDRY CREDITORS [AGNST.MATERIAL SUPPL.(GENERAL]	Purchase Bill No. - 20-21/014 dt. 09/05/2020, TUBE CRAFT INDUSTRIES		27,500.00		1,176,387.70	Db
07-Dec-20	BB - 3745	STATE BANK OF INDIA, SHIROLI (C/A) NO 749		612332	21,000.00		1,197,387.70	Db
29-Jan-21	CC - 681	PETTY CASH [FACTORY BDK]	BEING CASH PAID FOR 26TH JANUARY CONTRIBUTION TO BEDKIHAI TALATHI FOR THE SEASON 2020-21.		5,000.00		1,202,387.70	Db
			BEING PAID FOR EDUCATIONAL DONATION EXPENSES TO MITHILA SANJAY SUTAR CH. PAID TO HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI.□					
03-Feb-21	BB - 5702	STATE BANK OF INDIA, SHIROLI (C/A) NO 749		612133	25,000.00		1,227,387.70	Db
			BEING PAID FOR MEDICAL COMPENSETION TO ANNAPPA LAKAPPA KONE OF BARWAD.□					
16-Mar-21	BB - 6651	STATE BANK OF INDIA, SHIROLI (C/A) NO 749		612207	40,000.00		1,267,387.70	Db
31-Mar-21	PP - 525	SUNDRY CREDITORS [AGNST.MATERIAL SUPPL.(GENERAL]	Purchase Bill No. - 574 dt. 30/03/2021, PADMASHRI MARKETING & SERVICES		140,000.00		1,407,387.70	Db
		Total -			1,407,387.70	0	1,407,387.70	Db

Venkateshwara Power Project Ltd., Bedkihal

General Ledger - 183 - DONATION EXPENSES

Date	Post No./Voucher No.	Particulars	Chq./DD/Advise	Debit	Credit	Balance
		BEING CASH PAID FOR DONATION EXPENSES TO SHRI HANUMAN DASARA UTSAV COMMITTEE GALATGA.				
28/09/2016	CC - 762	PETTY CASH [FACTORY BDK] BEING CASH PAID FOR DONATION EXPENSES TO BEDKIHAL PRESS REPORTERS ASSOCIATION, BEDKIHAL.		10,000.00		2,19,000.00
04/10/2016	BB - 6590	STATE BANK OF INDIA, SHIROLI (C/A) NO 749 BEING PAID FOR DONATION EXPENSES TO SHRI SIDDHESHWAR DASARA MAHOTSAV, BEDKIHAL.	715962	57,000.00		2,76,000.00
04/10/2016	CC - 797	PETTY CASH [FACTORY BDK] BEING CASH PAID FOR DONATION EXPENSES TO BEDKIHAL SHAMANEWADI DASARA KABADDI COMMITTEE.		10,000.00		2,86,000.00
22/10/2016	PP - 413	OTHER ADVANCE [GL] Purchase Bill No. - 06101510000016647 dt. 20/10/2016, G K B LENS PVT. LTD.,		25,450.00		3,11,450.00
28/10/2016	BB - 7922	STATE BANK OF INDIA, SHIROLI (C/A) NO 749 BEING PAID FOR DONATION EXPENSES TO VIRSAIV LINGAYAT VISHVAST MANDAL, BARWAD.	716059	11,000.00		3,22,450.00
02/11/2016	CC - 941	PETTY CASH [FACTORY BDK] BEING CASH PAID FOR KARNATAKA RAJYAOTSAVA CEREMONY 2016		2,500.00		3,24,950.00
23/11/2016	BB - 8353	STATE BANK OF INDIA, SHIROLI (C/A) NO 749 BEING PAID FOR DONATION EXPENSES TO SHRI 1008 PARSHWANATH DIGAMBAR JIN MANDIR MANAGING COMMITTEE, BEDKIHAL.	716163	21,000.00		3,45,950.00
09/01/2017	BB - 10139	STATE BANK OF INDIA, SHIROLI (C/A) NO 749 BEING PAID FOR DONATION EXPENSES TO CHANDRAVATAI DEVI NAGJARMATH NEJ.	716325	11,000.00		3,56,950.00
13/01/2017	BB - 10608	STATE BANK OF INDIA, SHIROLI (C/A) NO 749 BEING PAID FOR DONATION EXPENSES TO SHRI RENUKA DEVI YATRA COMMITTEE, GALATGA.	716366	21,000.00		3,77,950.00
11/02/2017	BB - 13639	STATE BANK OF INDIA, SHIROLI (C/A) NO 749 BEING PAID FOR DONATION EXPENSES TO HAJARAT CHANDPIR URUS CHANDSHIRADWAD. FOR THE SEASON 2016-17.	716453	20,000.00		3,97,950.00

Venkateshwara Power Project Ltd., Bedkihal

General Ledger - 183 - DONATION EXPENSES

Date	Post No./Voucher No.	Particulars	Chq./DD/Advise	Debit	Credit	Balance
07/03/2017	CC - 1456	PETTY CASH [FACTORY BDK] BEING CASH PAID FOR DONATION EXPENSES TO PANDHARINATH VARKARI MALAKARI MANDAL, MAMDAPUR.		3,000.00		4,00,950.00
16/03/2017	CC - 1489	PETTY CASH [FACTORY BDK] BEING CASH PAID FOR DONATION EXPENSES TO HAJARAT RAJEBAGSWAR VALLI URUS COMMITTEE, BEDKIHAL.		2,000.00		4,02,950.00
20/03/2017	CC - 1496	PETTY CASH [FACTORY BDK] BEING CASH PAID FOR DONATION EXPENSES TO PIR RAJEBAKSHARBABA URUS COMMITTEE, BUDHIHAL.		2,000.00		4,04,950.00
27/03/2017	CC - 1520	PETTY CASH [FACTORY BDK] BEING CASH PAID FOR DONATION EXPENSES TO HAJRAT KHAJA RAJABAG SAWAR URUS SHRIF NEJ.		1,500.00		4,06,450.00
		Total -		4,06,450.00	0.00	4,06,450.00

Date & Time - 08/05/2017 03:55 PM

Page No.

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



Venkateshwara Power Project Ltd.

(Sugar Factory)

■ Regd. Off. : Mahadik Pump, Shiroli (P), Tal. Hatkangale,
Dist. Kolhapur, Maharashtra 416 122

Phone : 91-230 - 2461002/3/4/5, Fax : 91-230 - 2461006

E mail : vppl@mahadikgroup.com

■ Factory : A/p. Bedkihal, Tal. Chikodi,
Dist. Belgaum, Karnataka 591 214.

Phone : 91 - 8338 - 257001

Telefax : 91 - 8338 - 257008

CIN : U40101PN1994PLC083924

Ref:VPPL/ADM/2017-18/1593

Date : 15.12.2017

To.
Chief Executive Officer
Zilla Panchayat Office
Court Complex
Belagavi

Subject : Submission of Environmental Clearance regarding...

Sir,

With reference to the above subject, we are herewith submitting Environment Clearance issued by Ministry of Environment Forest and Climate Change for setting of Molasses based Distillery at Servey No.164 to 170 and 85 at Bedkihal Village.

This is Your kind information and acknowledgement.

Thanking you,

GENERAL MANAGER

Venkateshwara Power Project Ltd.,
Bedkihal

Enclosed :

2) E.C. Copy

6/12/17
ಪ್ರೀಕ್ಷಿತ ಗುಮಾಸ್ತ
ಜಿಲ್ಲಾ ಪಂಚಾಯತ, ಕಾರ್ಯಾಲಯ
ಬೆಲಗಾವಿ

Annexure XVI
**Copy of acknowledgement six-monthly
compliance report**



Venkateshwara Power Project Ltd.

(Sugar Factory)

■ Regd. Off. : Mahadik Pump, Shirol (P), Tal. Hatkangale,
Dist. Kolhapur, Maharashtra 416 122

Phone : 91-230 - 2461002/3/4/5, Fax : 91-230 - 2461006

E mail : vppl@mahadikgroup.com

■ Factory : A/p. Bedkihal, Tal. Chikodi,
Dist. Belgaum, Karnataka 591 214.

Phone : 91 - 8338 - 257001

Telefax : 91 - 8338 - 257008

CIN : U40101PN1994PLC083924

Ref: VPPL / ENVT/ Sugar/ 2019-20

Date: 03/6/2019

To,
Regional Office: Belgavi-2.
Karnataka State Pollution Control Board,
Plot No-3224/3, "Hanuman Niwas",
1st Floor, B K Collage Road, Chikodi.
Belgaum Distirct - 591201

Sub.: Regarding point wise compliance done towards CFO and Environmental Clearance (EC) letter granted to the Co-Generation Unit and Molasses Based Distillery by Venkateshwara Power Projects Ltd., A/p. Bedkihal, Tal.: Chikkodi, Dist.: Belgaum, Karanataka State.

Dear Sir,

This has reference to CFO granted by KSPCB and EC letter granted by MoEF for our Sugar, Co-gen and Molasses based Distillery unites at survey no 84,85,86,166,168 and 169 at bedkihal taluka chikodi dist belgavi. We are herewith submitting the point wise compliance report towards the EC conditions stipulated by MoEF and CFO by Karnataka State Pollution Control Board.

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

Thanking you.

Yours faithfully,

MANAGING DIRECTOR

Venkateshwara Power Project Ltd., Bedkihal

6/7/2019
ಶ್ರೀಕೃಷ್ಣ ಸಹಾಯಕ
ಕ.ರಾ.ಮಾ.ನಿ.ಮಂ ಬೆಳಗಾವಿ-2(ಜಿಲ್ಲಾಕೆರೆ ಶಾಖೆ)
(INWARD)

Annexure XVII
Copy of Environmental Statement

**ENVIRONMENTAL STATEMENT
FOR THE FINANCIAL YEAR
2019-2020**



**M/s. VENKATESHWARA POWER
PROJECT LTD**

**PREARED BY
M/s. VENKATESHWARA POWER PROJECT LTD
(DISTILLERY PLANT),
A/P BEDKIHAI, TALUK CHIKKODI,
DISTRICT BELGAUM-591 214**

Environmental Audit- An Overview

Like financial auditing this is conducted every year to have an accountability of the financial inflows and outflows, profit etc. Environmental auditing is a concept, which would give the accountability of the issues related to the Environment. This would help in comparing the data gathered regarding raw material consumption, water consumption etc and would help in reducing the same to the best possible extent.

Environmental audit is an exercise of self-assessment to minimize the generation of wastes and pollution potential.

Environmental audit is a technique being introduced for integrating the interest of the industry and the environment, so that these could be mutually supportive. This technique is basically a part of industries internal procedures in meeting their responsibilities towards a better environment. Also the policy statement for abatement of pollution by the Government of India provides for submission of Environment Audit Report by all concerned industries, which would subsequently evolve into an environmental audit.

Objectives

The Environmental Audit helps in pollution control, improved production, safety and health and conservation of natural resources and hence its overall objectives can be stated as achievement of sustainable development.

The Objectives of an Environmental Audit in an Industry are:

To determine the mass balance of various materials used and the performance of various process equipment so as to identify usage of materials in excess than required.

To review the conversion efficiency of process equipment and accordingly fix up norms for equipment/operation performance and minimization of wastes.

- To identify the areas of water usage and wastewater generation and to determine the characteristics of wastewater.
- To determine the solid wastes and Hazardous wastes generated, their sources, quantities and characteristics.
- To determine the possibility of wastes minimization, recovery and re-cycling of wastes.
- To identify the possibility of waste minimization, recovery and re cycling of wastes.
- To determine the performance of the existing waste treatment/control system so as to modify or install additional or alternative control equipment accordingly.

FORM- V

ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR ENDING 31ST MARCH 2020

PART- A

1	Name and Address of the owner occupier of the industry in operation or process	Mr. Swaroop. M. Mahadik Managing Director M/s. Venkateshwara Power Project Ltd (Sugar Factory& Co-Generation Plant), A/P Bedkihal, Taluk . Chikkodi, Dist Belgaum-591 214 Karnataka State, India.
2	Industrial Category	Large - Red
3	Production Capacity	90 KLPD Molasses Based Distillery
4	Year Of Commencement	2017 - 2018

PART-B

Water and Raw Material Consumption

I) a. Water Consumption in m³/day

Source	Water Consumption in m3/d	
	During the Previous Financial Year 2018-2019	During the Current Financial Year 2019-2020
Process & Washing	750	700
Condensate Water	550	550

b. Water consumption per unit of output

Name of the Products	Water consumption per unit of product (m³/MT of product)	
	During the Previous Financial Year 2018-2019	During the Current Financial Year 2019-2020
Molasses Based Distillery	Nil	Nil

Water consumption for Distillery unit M3/Day

Source	During the Previous Financial Year 2018-2019	During the Current Financial Year 2019-2020
Process & Washing	750	750
Condensate Water	550	550

II) Raw Material Consumption

Sl. No	Name of Raw Material	Name of Products	Consumption of Raw material per unit output (MT/MT)	
			During the Previous Financial Year 2018-2019	During the Current Financial Year 2019-2020
1	Molasses	Molasses Based Distillery	63705.632	119693.534
2	Coal		110 T/Day	110 T/day
3	Sulfuric Acid		150 ltrs/day	150 ltrs /day

PART-C

Pollution Generated (Parameters as specified in the consent issued)

Pollutants	Quantity of Pollutants discharged per mass/ day(Kg/day)	Concentration of Pollutants discharged mass/ volume (mg/Nm ³)	Percentage of variations from prescribed standards with reasons
1. Water	- The waste water generated from the process and from the washings is treated in ETP. - Monitoring of characteristics of effluent treated & untreated will be outsourced to KSPCB empanelled laboratories. Analysis of ETP treated & untreated monitoring is		

	attached.
2. Air	
▪ Pollutants Emission within the KSPCB norms is achieved through providing Effective Stack Heights along with State of the heart APC equipments to all the air pollution sources. Hence the ambient air quality is maintained as per the KSPCB standards. ▪ Note: Analysis report of Ambient & Stack monitoring is attached.	

PART-D

Hazardous Waste

(As specified under the Hazardous Waste/ Management and Handling Rules, 2016)

Hazardous Waste	Total Quantity (Kg)	
	During the Previous Financial Year 2018-2019	During the Current Financial Year 2019-2020
a) From Process	NA	NA
b) From Pollution Control facilities	NA	NA

PART-E

Solid Wastes

Particulars	Total Quantity (MT/month)	
	During the Previous Financial Year 2018-2019	During the Current Financial Year 2019-2020
A) From Process		
Yeast Sludge	300	300
Coal Ash	1260	1260
Spent wash ash	1150	1150
II) From Pollution Control facility		
i) ETP Sludge	150	180
Sold		
Yeast Sludge	300	300
Coal Ash	1260	1260
Spent wash ash	1150	1150

PART-F

Please specify the characterization (in terms of Composition and quantum) of Hazardous as well as Solid wastes indicate disposal adopted for both these categories of wastes.

Hazardous Waste

- ❖ The generated hazardous waste is collected manually and disposed to authorized recyclers as per the HWM consent mechanism. Generation of hazardous waste is from DG set and is in the form of used oil..
- ❖ This was stored securely in sealed, labeled barrels in the industrial premises and later disposed to CPCB registered & KSPCB authorized re-processors like

that only the generated Oil Soaked cotton waste is disposed to CPCB registered & KSPCB authorized recyclers.

PART-G

Impact of the pollution abatement measures taken on the conservation of natural resources and on the cost of production.

I) Effective dispersion of stack emissions:

The company has installed chimneys of adequate heights and air pollution control measures as per the pollution control board guidelines for all the air pollution sources from the unit.

Electro static Precipitator provided for boiler is ensuring the ambient air quality in and around the factor premises by removing the SPM from the flue gas. All these measures have resulted in maintain the ambient air quality in the industrial premises.

PART-H

Additional measures/investment proposal for Environmental protection including the pollutants abatement of pollution, prevention of pollution.

- ❖ Environmental protection and pollution control has been the priority for the industry. Operations are conducted in a manner that protects the environment, conserve energy and natural resources.
- ❖ The company has trained its employees in housekeeping, preventive maintenance etc., so that they can apply the policy of continuous improvement in their daily work.
- ❖ The company is adopting quality management systems step by step. Proper production planning, excellent housekeeping measures and preventive maintenance have resulted in reduced consumption of raw material per unit of product output.

PART – I

Any other particulars in respect of Environmental Protection and Abatement of pollution.

- ❖ Environment protection and pollution control has been the priority for the industry. The industry has ensured that it is not using any prohibited and avoidable substances in the industrial process of manufacturing.
- ❖ The company is maintaining long term environment plans which shall be continuously adapted to developments, new discoveries and experiences related to the environment.
- ❖ The industry has ensured that, it is not using any prohibited and avoidable substances in the manufacturing process.

ANNEXURE- I

Seasonal Working of the Factory

ANNEXURE- A1

Seasonal Working of the Factory

Sl. No.	Particular	During the Current Financial Year 2018-2019	During the Current financial year 2019-2020
1.	Actual Crushing days for the season	122	110
2.	Total Sugarcane crushed during the season (MT)	916822.811	835276.659
3.	Total Rectified Spirit (RS) produced (QTS)	RS 1309952.75	1212121.42
		ENA 14358692.39	28984452.23
		IS 1126101.42	2741948.61
4.	Daily average Cane crushed (MT)	7080.20	7593

Annexure XVIII
Newspaper advertisement w. r. t. grant
of EC

PUBLIC NOTICE

This is to inform the public in general that M/s. Venkateshwara Power Project Ltd. have been accorded with the Environmental Clearance by Expert Environment Committee, Ministry of Environment, Forest & Climate Change, (IA-II Section), Government of India for setting up of 90 KLPD Molasses based distillery at S.No. 164 to 170 & 85 Village: Bedkihal, Tehsil Chikkodi, Dist Belgaum (Karnataka), vide letter No. F.No. J-11011/179/2016-IA-II(I) dated 28-11-2017. This clearance is in accordance with the provisions of 'EIA Notification 2006'.

The copies of this letter are available with Karnataka Pollution Control Board and may also be seen on Ministry of Environment, Forest and Climate Change, New Delhi

Website: <http://environmentclearance.nic.in>

ಸಾರ್ವಜನಿಕ ಪ್ರಕಟಣೆ

ಈ ಪ್ರಕಟಣೆಯ ಮೂಲಕ ಸಾಮಾನ್ಯ ಸಾರ್ವಜನಿಕರಿಗೆ ತಿಳಿಸುವುದು ಏನೆಂದರೆ, ಕರ್ನಾಟಕದ ಬೆಳಗಾವಿ ಜಿಲ್ಲೆ, ಚಿಕ್ಕೋಡಿ ತಾಲ್ಲೂಕಿನ ಬೇಡಕಿಹಾಳ ಗ್ರಾಮದ ಸರ್ವೆ ನಂ. 164 ರಿಂದ 170 ಮತ್ತು 85 ರಲ್ಲಿ 90 ಕೆಎಲ್‌ಪಿಡಿ ಮೊಲ್ಯಾಸ್ಸು ಆಧಾರಿತ ಡಿಸ್ಟಿಲ್ಲರಿ ಸ್ಥಾಪಿಸಲು, ಮೆ. ವೆಂಕಟೇಶ್ವರ ಪವರ್ ಪ್ರಾಜೆಕ್ಟ್ ಲಿ., ಇವರಿಗೆ, ಭಾರತ ಸರ್ಕಾರದ ಪರಿಸರ, ಅರಣ್ಯ ಮತ್ತು ಹವಾಮಾನ ಬದಲಾವಣೆ ಸಚಿವಾಲಯದ (1ಎ-2 ಸೆಕ್ಷನ್), ಎನ್‌ಎಸ್‌ಆರ್‌ ಎನ್‌ಎಸ್‌ಎಂಟಲ್ ಕಮಿಟಿ ಇವರಿಂದ, ಪತ್ರ ಸಂ. ಎಫ್ ನಂ. ಜೆ-11011/1179/2016-1ಎ-2(1) ದಿನಾಂಕ 28.11.2017 ಮುಖೇನ ಎನ್‌ಎಸ್‌ಎಂಟಲ್ ಕ್ಷೇತ್ರದಲ್ಲಿ ಲಭಿಸಿರುತ್ತದೆ. ಸದರಿ ಕ್ಷೇತ್ರದಲ್ಲಿ, 'ಇವಿಎ ನೋಟಿಫಿಕೇಶನ್ 2006' ಅಧಿಸೂಚನೆಗೆ ಅನುಗುಣವಾಗಿದೆ.

ಸದರಿ ಪತ್ರದ ಪ್ರತಿಗಳು ಕರ್ನಾಟಕ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿಯಲ್ಲಿ ಲಭ್ಯವಿರುತ್ತವೆ ಹಾಗೂ ಪರಿಸರ, ಅರಣ್ಯ ಮತ್ತು ಹವಾಮಾನ ಬದಲಾವಣೆ ಸಚಿವಾಲಯ, ನವದೆಹಲಿ ಇವರ ವೆಬ್‌ಸೈಟ್‌ನಲ್ಲಿ ಕೂಡ ಕಾಣಬಹುದಾಗಿದೆ.

ವೆಬ್‌ಸೈಟ್: <http://environmentclearance.nic.in>