

Jamkhandi Sugars Ltd.

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GSTIN No : 29AAACJ8575C1ZD



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JSL/MFG-ENV/MoEF&EC/2019-20/ 1755

Date: 11.06.2019

To,
The Additional Principal Chief Conservator of Forests(C)
Ministry of Environment, Forests and Climate Change
4th Floor, E & F Wing, Kendriyasadan, Koramangala
Bengaluru - 560034

Sub: Half yearly compliance report for the period October 2018 to March 2019 –Reg
Ref: Environmental Clearance

- i) J-11011/300/2007-IA II(1) dated 9th April 2009
- ii) J-11011/300/2007-IA II(1) dated 16th August 2016
- iii) J-11011/191/2007-IA II(1) dated 01st August 2017

Respected Sir,

With reference to the above subject herewith we are submitting the half yearly compliance report for the period October 2018 to March 2019. The details are as follows

SI No	Description	Details
1.	Name of the Industry	Jamkhandi sugars Limited (Distillery Division) Hirepadasalagi -587301 Tal: Jamkhandi, Dist : Bagalkot
2.	Person Responsible	Shri: Sambhaji. S. Bhosale General Manager-Distillery
3.	Email.ID	gmdistillery@jamkhandisugars.com
4.	Phone No/ Mobile	08353-254160 +919663257003
5.	Web site details	www.jamkhandisugars.com
6.	Environmental Clearance details	i) J-11011/300/2007-IA II(1) dated 9 th April 2009 ii) J-11011/300/2007-IA II(1) dated 16 th August 2016 III) J-11011/191/2007-IA II(1) dated 01 st August 2017
7.	Working days (Days)	116.99



**COMPLIANCE WITH MOEF / ENVIRONMENTAL CLEARANCE NEW DELHI F.NO.-
11011/300/2007-IAII (I)
M/S JAMKHANDI SUGARS LTD HIREPADASALAGI VILLAGE BAGALKOT DISTRICT POST
NAGANUR 587301 KARNATAKA**

SL. NO	SPECIFIC CONDITIONS	Compliance
01	The company shall adopt continuous fermentation technology. The spent wash generation shall not exceed 480 m3/d. The spent wash after bio-methanation in the bio digester shall be composted with press mud to achieve zero discharge. The effluent from the floor washing shall be treated in the ETP and treated effluent after conforming to the prescribed standards shall be used for green belt development. The domestic effluent (4m3/d) shall be disposed of in the soak-pit	Incineration Boiler installed.
02	land requirement for the compost yard and finished products shall be as per the CPCB guidelines	No composting carried out. All spent wash is Incinerated in steam Boiler
03	The spent wash shall be stored in impervious pucca lagoons. The spent wash lagoons shall have proper lining with HDPE and shall be kept in proper condition to prevent ground water pollution. As per the CPCB recommendation, storage for the concentrated spent wash shall not exceed 30 days capacity.	Constructed spent wash storage tank of capacity 7962m3(7days generated capacity) as per CPCB norms
04	Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area and compost yard shall be set up. Sampling and trend analysis monitoring must be made on monthly a basis and report Submitted to SPCB and this Ministry.	We are using Incineration Boiler. No composting.
05	Particulate emissions from the boiler shall be controlled by installation of wet Scrubbers and emissions shall be dispersed through stack of height as per CPCB Standards.	Installed Bag Filler working efficiently.
06	vi. The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the State Pollution Control Board. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral	Being carried out



	parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	
07	The company shall obtain permission from the State Irrigation/ Ground Water Department to draw the water as may be applicable to this case	Permission obtained from the Board
08	Green belt in 33% of the plant area shall be provided to mitigate the effects of fugitive-emissions all around the plant and compost yard as per the CPCB guidelines in consultation with the local DFO.	Tree plantation is done
09	The Company shall adopt rainwater harvesting measures to recharge the ground Water.	JSL is adopting the rain water harvesting scheme
10	Provision shall be made for the housing for the construction lab our within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	JSL will provided the housing, drinking water, Toilets for the workers, &staff, Nowthere no construction gang at our site.
	GENERAL CONDITIONS	
01	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	Noted and accepted
02	Ambient Air Quality Monitoring Stations shall be set up in the down wind direction as well as where maximum ground level concentration of SPM, SO₂, NO_x , are anticipated in consultation with the State= Pollution Control Board	The Ambient Air quality Monitoring stations are identified in consultation with Regional Officer KSPCB in the downwind direction as well as where maximum ground level concentration of SPM,SO ₂ ,Nox, are anticipated and regularly monitored & results are sent to KSPCB office .Three Ambient Air Quality Monitoring stations are established
03	Adequate number of influent and effluent quality monitoring stations shall be set up in-consultation with the State Pollution Control Board. Regular monitoring should be carried out for relevant parameters	Adequate numbers of influent and effluent quality monitoring stations were set up in consultation with the State Pollution Control board. We are regularly monitoring influent & effluent quality for relevant parameters like pH, BOD, Suspend solids, COD, Chlorides, etc. Industry is also monitoring the trade effluent samples and emission samples from the EP approved third agency MSV



		Analytical laboratios Ballari. Reports are enclosed as Annexure No-1		
04	The industry shall ensure that the treated effluent and stack emissions from the unit are within the norms stipulated under the EPA rules or SPCB whichever more Stringent is. In case of process disturbances/failure of pollution control equipment adopted by the unit, the respective unit shall be shut down and shall not be restarted until the control measures are rectified to achieve the desired efficiency.	Industry has full-fledged effluent treatment plant for the treatment of the trade effluent generated from the plant. Industry has also set up incineration boiler for the trade effluent disposal. Bag filter is installed as air pollution control equipment and the emissions from the boiler are within the limits prescribed by the State pollution control board.		
05	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 should conform to the standards prescribed under EPA Rules, 1989 viz. 75 d BA (day time) and 70 d BA (night time)	There is no DG set at Distillery. The one at sugar is being used when needed Distillery. The noise levels at five locations around plant are regularly monitored and have been found well within the standard limits as prescribed under EPA Rules 1989		
06	The project proponent shall also comply with all the environmental protection Measures and safeguards recommended in the EIA / EMP and public hearing report.	Industry strictly adheres and complying with the recommdations to the environmental protection measures and safeguards mentioned in the EIA/EMP report.		
07	Occupational health surveillence programme shall be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health center shall be strengthened and the medical records of each employee shall be maintained separately.	The occupational health surveillence programme is undertaken regularly for the employees. The first aid facilities are already strengthened and medical records for each employee is also maintained.		
08	A separate environmental management cell equipped with full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.	A full fledged laboratory is existing in the campus and Environmental management cell is available to carry out the Environmental management & monitoring functions.		
09	The project authorities shall provide requisite funds for both recurring and nonrecurring expenditure to implement the conditions stipulated by the non-recurring Expenditure to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose	Industry abides by the condition. The Capital /Re-curring expenses for the environmental management are as follows		
			Capital Investment [Lakh]	Recu rring [Lakh /Y]
		Particulars		
	Environment	1.5 crore	3.5	



		Monitoring		
		Green Belt Development	0.5	12
		Rain Water Harvesting	25 One time	-
		Storm Water Management	45	1.5
		Solid Waste Management	-	1.0
10	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat. Zila Parishad/Mu'nicipal Corporation urban local Body and the local NGO , if any, from who suggestions ¹ representations, if any, were received while Processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Sent to all local bodies		
11	The implementation of the project vis-a-vis environmental action plans will be monitored by Ministry's Regional Office at Bangalore /State Pollution ControlBoard/central Pollution Control Board.	Half yearly compliance reports along with monitored data are submitted regularly to your office.		
12	The project proponent shall also submit six monthly reports on the status of Compliance of the stipulated E C conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MOEF, the Respective Zonal Office of CPCB and the State Pollution Control Board.	Noted and accepted.		
13	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 State Pollution Control Board ¹ Committee and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.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 Regional office.	Industry abides by the conditions. Information was submitted in the local newspaper		



14	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 land development work.	Industry commissioned the 60 KLPD distillery plant on 1st Dec 2017. Now the project is completed and is operation.
6	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory	Industry abide by the conditions.
7	The Ministry reserves the right to stipulate additional conditions if found necessary. The company will implement these conditions in a time bound manner	Industry abide by the conditions.
8	Any appeal against this environmental clearance shall lie with the National environment of 30 days Appellate Authority, if preferred within a period as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997	Industry abide by the conditions.
9	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and trans boundary) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Industry abide by the conditions.

COMPLIANCE WITH MOEF / ENVIRONMENTAL CLEARANCE NEW DELHI F.NO.J-11011/300/2007-IAII (I)

M/S JAMKHANDI SUGARS LTD HIREPADASALAGI VILLAGE BAGALKOT DISTRICT POST NAGANUR 587301 KARNATAKA

SPECIFIC CONDITIONS	COMPLIANCE
I. Bag filter along with stack of adequate height should be provided to biomass/Coal fired boiler to control particulate emission within 50mg/Nm ³	Bag filter provided and adequate height chimney (RCC) is provided.
ii. Total fresh water requirement from Krishna shall not exceed 600 m ³ /day for distillery and Cogeneration unit and prior permission for drawl of water shall be obtained from the competent Authority.	Noted and Permission obtained from the Board.
iii The spent wash from molasses based distillery shall be treated in biodigester through Biomethantion process followed by bio-composting to achieve Zero discharge, spentlees and effluent from utilities shall be treated and recycled/reused in process.	Incineration boiler of capacity 22 TPH installed to achieve Zero discharge of spent wash.
iv No effluent from distillery shall be discharged outside the premises and Zero discharge concept shall be adopted.	No effluent is discharged outside the factory premises.
V Automatic/online monitoring system (24x7)	On line monitoring system for flow



ii. Total fresh water requirement from Krishna shall not exceed 600 m ³ /day for distillery and Cogeneration unit and prior permission for drawl of water shall be obtained from the competent Authority.	Noted and Permission obtained from the Board.
iii The spent wash from molasses based distillery shall be treated in biodigester through Biomethantion process followed by bio-composting to achieve Zero discharge, spentlees and effluent from utilities shall be treated and recycled/reused in process.	Incineration boiler of capacity 22 TPH installed to achieve Zero discharge of spent wash.
iv No effluent from distillery shall be discharged outside the premises and Zero discharge concept shall be adopted.	No effluent is discharged outside the factory premises.
v Automatic/online monitoring system (24x7 monitoring devices) for flow measurement and relevant pollutants in the treatment system to be installed. The data to be made available to the respective SPCB and in the Company's Website.	On line monitoring system for flow measurement and others is in operation(Live) With CPCB server.
vi The spent wash shall be stored in impervious RCC lagoonwithHDPE lining as per CPCB guidelines and should be kept in proper condition to prevent ground water pollution. Storage capacity of spent wash lagoon should be for 30 days.	Spent wash stored RCC LagoonwithHDPE lining as per CPCB guidelines.
vii Fly ash shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash and dust shall be avoided. Bagasse ash and coal ash shall be stored separately.	Fly ash stored separately as per CPCB guidelines and is being sold. The party is shifting regularly.

This is for your kind information and kindly accept our compliance.

Thanking You

Yours Faithfully
For Jamkhandi sugars Limited
(Distillery Division)



V. Sivaprakasam
Managing Director



Encl: as above