

Ref. No:DCM/DIST/ 01/2020

Date: - 08.06.2020

To,  
The Director  
Ministry of Environment Forest  
Govt. of India  
Regional Office (Central Region)  
Kendriya Bhawan, 5 Th floor  
Sector H, Aliganj, Lucknow.

Sub: Compliance of letter No. – J.11011/341/2006-IA II (I) dated 23.12.2008 (Project Code-UP-94-264-08).

Dear Sir,

We are enclosing herewith compliance report for the period from October 2019 to March 2020 on the above mentioned subject of environmental clearance.

We hope you will kindly find above in order.

Thanking you.

Yours faithfully

For Dalmia Chini Mills,

Unit – Distillery, Jawaharpur



Authorized Signatory



Encl: As above

**Name of the Project : Distillery Unit**  
**: M/s. Dalmia Chini Mills**  
**: Vill. – Jawaharpur**  
**: P.O. – Ramkot**  
**: Distt – Sitapur (U.P)**

Clearance letter No. J-11011 / 341/ 2006 – IAI (I) dated 23 December 2008

Period of compliance Report: 01.10.2019 to 31.03.2020

Specific Conditions :		
S. No.	Conditions	Compliance Status
I	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 is more stringent. 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.	Parameters of effluent & stack emission are within the norms & consent for water & air for the year 2020 obtained vide ref. No. 72789/Water Consent dated 28.01.2020 & 72784/Air Consent dated 09.01.2020 respectively.
II	The company shall adopt continuous fermentation Technology for treatment of spent wash, after biomethanation, spent wash shall be composted with press mud to achieve zero discharge as per the guidelines of Central Pollution Control Board. No effluent shall be discharged outside the factory premises and zero discharge shall be strictly followed. Land and other requirement for fermentation of spent wash with pressmud shall be as per the guidelines of Central Pollution Control Board. The company shall ear mark an area of 23.65 acres for Bio-Composting, storage of finish products etc. The compost yard shall be made impervious as per the guidelines of Central Pollution Control Board.	Continuous Fermentation technology which is supplied by M/s Praj is in place and running smoothly. The spent wash generation is up to 8 to 10 KL/KL of alcohol produced and is being utilized completely at 50 TPH Incineration Boiler as fuel. Spent wash generated from the plant and concentrated in Multi Effect Evaporator and then use in the Incineration Boiler as fuel, condensate is being treated through Condensate Polishing Unit(CPU) and use in fermentation for molasses dilution. We are maintained Zero Liquid Discharge.
III	The company shall install ventury type high efficiency wet scrubber and a stack of 45 m height of to control the emission from the bagasse fired boiler to achieve the particulate emission the prescribed standards	We have installed 50 TPH Incineration Boiler along with 6.5 MW Co-generation power plant and also installed bag filter with a stack of 84 meter height of to control the emission from the Bagasse & Slop fired boiler to achieve the particulate emission the prescribed standards.
IV	Emission Rate of various pollutants in g/sec may be provided within 15	Latest results of analysis conducted on dated 16.03.2020 by Central Laboratory UPPCB

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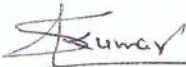
	days of the issue of this letter.	Lucknow are as under SPM (Mg/nm <sup>3</sup> ) –125.00																																			
(V)	The spent wash shall be stored in impervious pucca lagoons. The spent wash lagoons shall have proper lining with HDPE and shall be kept in proper condition to prevent ground water pollution. As per the CPCB recommendation, storage shall not exceed 30 days capacity.	01 Nos. of impervious Pucca Lagoon having as per C.P.C.B. recommendation in proper condition to prevent Ground Water Pollution are in place.																																			
(VI)	The company shall obtain permission from the Central Ground Water Board for drawl of ground water.	Permission from Central Ground Water Board for drawl of ground water has already been obtained vide their letter No. 21-4(44)/NR/CGWA/2006-1983 dated 04 December 2017 & valid up to 03 Dec. 2022.																																			
(VII)	Adequate numbers of ground water quality monitoring station shall be set up around the compost plant and the project area. These monitoring stations will be provided with piezometers. Sampling and trend analysis monitoring must be made on monthly a basis and report submitted to SPCB and this Ministry. The company shall carry out regular analysis of compost, leachate for BOD and pH.	4 Nos. of monitoring stations (Hand Pumps) to monitor ground water quality are already in place. We have conducted Advanced Environmental Testing & Research Lab P. Ltd. New Delhi through Eco Tech Corporation Shahjahanpur for monitoring of Air Ambient Quality, Effluent analysis, Ground water analysis.																																			
(VIII)	The operation of distillery shall be restricted to 270 days and that it will not operate during rainy season.	We have run the distillery appx 288 Days from April 19 to March 2020 in the year 2019-2020 .																																			
(IX)	Green belt of adequate width and density in 33% of the total plant area shall be provided to mitigate the effects of fugitive emission all around the plant and compost yard as per the CPCB guidelines in consultation with the local DFO.	<p>Details of green belt development in 33% of total plant area as per our action plan.</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Area to cover in m<sup>2</sup></th> <th>Area covered in m<sup>2</sup></th> <th>No of plants planted</th> <th>No of plants survived</th> </tr> </thead> <tbody> <tr> <td>2014-2015</td> <td>13663.0</td> <td>13663.0</td> <td>390</td> <td>256</td> </tr> <tr> <td>2015-2016</td> <td>13663.0</td> <td>13663.0</td> <td>630</td> <td>380</td> </tr> <tr> <td>2016-2017</td> <td>13663.0</td> <td>13663.0</td> <td>400</td> <td>250</td> </tr> <tr> <td>2017-2018</td> <td>13663.0</td> <td>13663.0</td> <td>350</td> <td>200</td> </tr> <tr> <td>2018-2019</td> <td>13663.0</td> <td>13663.0</td> <td>360</td> <td>180</td> </tr> <tr> <td>2019-2020</td> <td>13663.0</td> <td>13663.0</td> <td>320</td> <td>190</td> </tr> </tbody> </table>	Year	Area to cover in m <sup>2</sup>	Area covered in m <sup>2</sup>	No of plants planted	No of plants survived	2014-2015	13663.0	13663.0	390	256	2015-2016	13663.0	13663.0	630	380	2016-2017	13663.0	13663.0	400	250	2017-2018	13663.0	13663.0	350	200	2018-2019	13663.0	13663.0	360	180	2019-2020	13663.0	13663.0	320	190
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(X)	Occupational health surveillance 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.	Occupational health surveillance conducted for 51 members of unit up to March 2020 clearly indicates that none of the individual if suffering from any infectious or contagious disease.																																			
<b>General Conditions</b>																																					

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(i)	The project authorities must strictly adhere to the stipulations made by the Uttar Pradesh State Pollution Control Board and the State Government.	We are strictly adhering to the stipulations made by U.P. Pollution Control Board and State Government.
(II)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forest.	Desired approval will be taken prior to further expansion or modifications.
(III)	Ambient Air quality Monitoring Stations shall be set up in the down wind direction as well as where maximum ground level concentration of SPM, So <sub>2</sub> , NO <sub>x</sub> , are anticipated in consultation with the State Pollution Control Board.	Ambient air quality monitoring stations have already been set up to monitor ambient air quality. We have conducted Advanced Environmental Testing & Research Lab P. Ltd. New Delhi through Eco Tech Corporation Shahjahanpur for monitoring of Air Ambient Quality, Effluent analysis, Ground water analysis.
(IV)	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) 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 dBA ( day time) and 70 dBA ( night time)	We have conducted Advanced Environmental Testing & Research Lab P. Ltd. New Delhi through Eco Tech Corporation Shahjahanpur for monitoring of Air Ambient Quality, Ambient Noise Levels, Effluent analysis & Ground water analysis.
(V)	The project proponent shall also comply with all the environmental protection measures and safeguard recommended in the EIA/EMP report.	All the environmental protection measures and safe guards of E.I.A./ E.M.P. report are being followed accordingly.
(VI)	A separate environmental management cell equipped with full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.	Environment Management cell having 4 members working accordingly and laboratory have been setup to control environmental parameters.
(VII)	The project authorities shall provide funds of Rs.11.00 Crore, as mentioned in the No. xix of the questionnaire as capital cost for the environment protection measures. Separate funds for recurring expenditure to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government shall be kept. Also, the implementation schedule for all the conditions stipulated herein shall be submitted. The funds so provided shall not be diverted for any other purpose	a) Provision of Funds as Capital cost – 20.00 Crore. b) Invested as capital cost - 6.00 Crore c) Recurring expenditure done to implement the conditions of MOEF & State Govt. till 31.03.2020 Rs. – 125784469.50



(VIII)	The implementation of the project vis-à-vis environmental action plans will be monitored by Ministry's Regional Office at Lucknow / State Pollution Control Board / Central Pollution Control Board. A six monthly compliance status report alongwith the monitored data shall be submitted to the monitoring agencies.	Last compliance Report along with monitored data already submitted for the period from April 2019 to September 2019.
(IX)	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/ committee and may be seen at Website of the Ministry of Environment and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspaper 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.	Information to public regarding environmental clearance had been advertised in daily news paper Dainik Jagran & Hindustan Times on dated 01.04.2007.
(X)	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.	Project has already completed in the month of May 07 and approval obtained from Ministry of Environment & Forest and Pollution Control Board.



Signature and Seal

Sr. General Manager  
 Patmia Chini Min's  
 Distillery Division  
 Baharapur, Sitapur (U.P.)