

Ref. No: DBSIL/Distt./12

Date:- 29.12.2021

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.- **F.No.IA-J-11011/253/2018-IA.II(I)**, dated 28 December, 2020

Dear Sir,

We are enclosing herewith compliance report for the period from April 2021 to September 2021 on the above mentioned subject of environmental clearance.

We hope you will kindly find above in order.

Thanking You,

For Dalmia Bharat Sugar and Industries Limited,
Distillery Division, Ramgarh, Distt. Sitapur (U.P)



(Authorized Signatory)

Encl: As above

Name of the Project : Distillery Unit
: M/s. Dalmia Bharat Sugar And Industries Limited
(Dalmia Chini Mills)
: Vill. – Ramgarh-Mahsui,
: Thesil- Mishrik
: Distt – Sitapur. (U.P)

Clearance letter No. F.No.IA-J-11011/253/2018-IA.II(I), dated 28 December, 2020
Period of compliance Report: 01.04.2021 to 30.09.2021

Specific Conditions :		
S. No.	Conditions	Compliance Status
(I)	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.	All the environmental protection measures and safeguards of EIA/EMP report and risk mitigation are being followed accordingly. (Unit under construction)
(II)	As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. Treated effluent shall be reused in the process/utilities. Treated Industrial effluent shall not be used for gardening/greenbelt development/horticulture.	Spent wash generated from the plant and concentrated in the Multi Effect Evaporator and then shall be used in the Incineration Boiler as fuel and condensate water shall be treated through CPU followed by Anaerobic, Aerobic, UV, UF & RO system. Treated water shall be used in molasses/syrup dilution in the Fermentation & Cooling Tower make up. We are maintained Zero Liquid Discharge. (Unit under construction)
(III)	As committed, Bag filter shall be installed as air pollution control equipment.	Bag Filter installed at 50 TPH Incineration boiler to control air pollution. (Unit under construction)

(IV)	As proposed, total fresh water requirement shall be 640 cum/day, proposed to be met from ground water source. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard, and renewed from time to time.	Permission from UP Ground Water Department for withdrawal of ground water has already been obtained vide NOC certificate no NOC015849 & valid up to 11.07.2026.
(V)	Project Proponent want to install incineration boiler for treatment of spent wash to ensure ZLD. As committed by the project proponent, the spent wash/other concentrates shall be incinerated.	Incineration boiler has been installed for treatment of spent wash and other concentrates and shall be insured zero liquid discharge. (Unit under construction)
(VI)	CO ₂ generated from the process shall be bottled/made solid ice and utilized/sold to authorized vendors.	Noted for compliance
(VII)	Occupational health centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.	Noted for compliance
(VIII)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.	Training shall be made for all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be also provided for all employees. (Unit under construction)
(IX)	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.	The unit has installed arrangement for protection of possible fire hazards during manufacturing processes in material handling. Fire fighting system adopted as per norms. (Unit under construction)

(X)	Process organic residue and spent carbon, if any, shall be sent to Cement/other suitable industries for its management/incinerations.	Noted for compliance.
(XI)	The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.	Waste minimization measures shall be followed as mentioned in the E.C. (Unit under construction)
(XII)	The green belt of at least 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map.	Details of green belt is being developed in 33% of total plant area. (Unit under construction)

(XIII)	The activities and the action plan proposed by the project proponent to address the public hearing and socio-economic issues in the study area, shall be completed as per the schedule presented before the Committee and as described in the EMP report in letter and spirit. All the commitments made during public hearing shall be satisfactorily implemented	Complied with
(XIV)	The project proponent shall ensure rain water harvesting system in the project area and reduce dependency on ground water.	.We have adopted natural ponds for recharge of ground water as per NOC condition of UP Ground Water Department.
(XV)	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.	We have made adequate space inside the plant premises earmarked for parking of vehicles for raw material and finished products and no parking allowed outside on public places. (Unit under construction)
(XVI)	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Storage of raw materials shall be stored in covered area to prevent dust pollution and other fugitive emissions. (Unit under construction)
(XVII)	Project Proponent shall reduce the quantity of effluents generation in the unit and PP shall install the effective wastewater treatment system. Adequate system shall be in place for controlling the odour and mitigation measures to protect the contamination of ground/surface water.	System shall be adopted to reduce the quantity of effluent generation , condensate water shall be treated through CPU followed by Anaerobic, Aerobic, UV, UF & RO system. Treated water shall be used in molasses/syrup dilution in the Fermentation & Cooling Tower make up. We are maintained Zero Liquid Discharge. (Unit under construction)

(II)	The energy source for lighting purpose shall be preferably solar/LED based, or advance having preference in energy conservation and environment betterment.	LED based lighting arrangement shall be used for energy conservation and environment betterment
(III)	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Noted for Compliance. (Unit under construction)
(IV)	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R.No. 826(E) dated 16 th November, 2009 shall be followed.	Noted for Compliance. (Unit under construction)
(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).	Noted for Compliance. (Unit under construction)
(VI)	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and to utilize the same for process requirements.	We have adopted natural ponds for recharge of ground water as per NOC condition of UP Ground Water Department.

(XVIII)	<p>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.</p>	<p>Continuous on line monitoring system shall be placed and data shall be transmitted to the CPCB and SPCB server. We have already installed web camera with night vision capability and flow meters also are in placed to carrying effluent within the premises. (Unit under construction)</p>
(XIX)	<p>A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.</p>	<p>Environment management cell having 06 member working accordingly and Laboratory shall be set-up to control environmental parameters . <i>(Annexure No1).</i></p>
(I)	<p>General Conditions:- No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIM, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIM to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.</p>	<p>It is strictly adhere to.</p>

(VII)	<p>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.</p>	<p>Training shall be made for all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be also provided for all employees on regular basis, routine periodical medical examinations for all employees shall be undertaken on regular basis (Unit under construction)</p>
(VIII)	<p>The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. The activities shall be undertaken by involving local villages and administration.</p>	<p>Noted for Compliance. (Unit under construction)</p>
(IX)	<p>The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.</p>	<p>Noted for Compliance. (Unit under construction)</p>
(X)	<p>The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management pollution control measures shall not be diverted for any other purpose.</p>	<p>We have taken sufficient funds towards capital cost and recurring cost:- a) Provision of Funds as Capital cost - 50.00 Crore b) Invested as capital cost - 50.00 Crore c) Recurring expenditure shall be made to implement the condition stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government - Approx 2.0 Crore/Year</p>

(XI)	<p>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 proposa</p>	<p>Complied with</p>
(XII)	<p>The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.</p>	<p>Noted for compliance (Unit under construction)</p>
(XIII)	<p>The environmental statement for each financial year ending 31st March in Form-Vas is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.</p>	<p>Noted for compliance (Unit under construction)</p>

(XIV)	<p>The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.</p>	Complied with
(XV)	<p>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.</p>	Noted for Compliance
(XVI)	<p>This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.</p>	It is strictly adhered to.

Signature and Seal


**DALMIA BHARAT SUGAR AND INDUSTRIES LIMITED,
UNIT-RAMGARH, DISTILLERY DIVISION, RAMGARH,
SITAPUR, (U.P)- 261403.**

[ENVIRONMENTAL CELL]

In View of the statutory requirement we have constituted an Environmental cell on 30.07.2021. It consists of the following members: -

Sr. No	Name	Designation	Qualification
1	Brij Mohan Lal	A.G.M (Distillery)	M.Sc.
2	Sarver Alam Khan	Asstt. Manager	M.Sc. Environmental Science
3	Atul Gupta	Dy. Manager	B.Sc., DIFAT
4	Ravish Gupta	Assistant Manager	B.Sc., DIFAT
5	Ashutosh Singh	Microbiologist	B.Tech-Biotechnology
6	Sunil Kumar	Shift Chemist	B.Sc., DIFAT
7	Aadarsh Shukla	Shift Chemist	B.Sc., DIFAT
8	Pradeep Kumar	CPU Chemist	B.Sc.
9	Vivek Singh	CPU Operator	Diploma
10	Pawan Kumar	CPU Operator	Diploma
11	Rohit	CPU Operator	Diploma

