

COMPLIANCE REPORT

Name of the Project : Expansion of Existing Sugar Plant & setting up of new Cogen at DSM Sugar Rajpura Distt. Sambhal (UP).

Project Code :

Clearance Letter No : 1763/Parya/SEAC/1572/2013/AD(H) dated 11.11.2014

PROPOSAL NO. : IA/UP/IND2/65494/2013

FILE NO. : 1572

Specific Conditions ---

| Sr. No. | Conditions | Compliance Status on 15.10.2021 |
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| 1 | Old boilers shall be dismantled as mentioned during the presentation. Only new boiler shall be functional after its erection. | The Boilers of 120 TPH and 70 TPH capacities have been installed. The old Boiler is under dismantling, most of its parts are dismantled. |
| 2 | SEIAA and UPPCB shall be informed about the erection of new boiler. | Already informed. |
| 3 | Undertaking from project proponent that no additional water shall be used should be submitted | Already sent vide letter dated 15.12.2015. A copy of which is attached. |
| 4 | Zero discharge shall be practiced regarding water effluents | The Unit is complying with the conditions of the consent and treated Effluent conforms to the prescribed norms. There is no requirement of ZLD in sugar unit. However, we are not discharging treated water in any water body, treated water is used in irrigation in own land and given to nearby farmers as per their demand. Some part of treated water is recycled in plant process. |
| 5 | Comprehensive EIA shall be undertake after commissioning of proposed activities and report submitted to SEIAA and UPPCB within a year | Submitted and informed vide letter dated 15.12.2015. A copy of which is attached. |
| 6 | Agreement with cement industries for utilization of fly ash shall be made. | There are no cement units nearby to the unit. However, efforts are being made to supply the Fly Ash to Brick Kilns and utilization of the fly ash in construction activities. At present we are using ash as manure mixing with press mud to our farmers. |
| 7 | Conditions of authorization granted by UPPCB shall be duly followed. | Industry is complying with all conditions as per UPPCB. |
| 8 | CRS plan with Rs.3.50 crore shall be prepared and submitted. | Submitted in previous correspondence. |
| 9 | No polythene use shall be permitted in plant premises. | Industry is committed to follow the instruction. |
| 10 | Online stack monitoring as per CPCB norms shall be followed. | On line stack monitoring system has been installed as per directions of CPCB and UPPCB. |
| 11 | An environment monitoring cell shall be constituted for day to day testing/monitoring of environmental parameters. | An Environment Monitoring Committee has already been constituted. A copy of this has been already sent. |
| 12 | Filter press should be installed to handle the sludge. | Sludge Bed has been installed to handle Sludge. |
| 13 | Two continuous ambient air Quality Monitoring stations one in up wind and other in predominant wind direction shall be installed immediately after the plant is in operation Air Quality is to be checked up during crashing sea don. | Industry conducts monitoring of ambient air quality through an external agency both in up-wind direction and other in predominant wind direction. |

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| 14 | Flow measurement device should be installed at the outlet of ETP. | Online Monitoring system has been installed and working, already. |
| 15 | To reduce the emission of particulate matter and gasses Electrostatic precipitator shall be installed and connected with Boiler duct. | In 120 tph boiler ESP is installed and in 70 TPH wet scrubber is there. |
| 16 | To control the emission for power plant a stack of about 72 mts from the ground level for the Boiler and 8mt. above ground for DG set would be provided. The SPM emission from the stack shall be less than 150 mg/nm ³ . The exhaust stream from the boiler will be used for the process. | The stack of 72 Mtr heights has been installed connected to 120TPH Boiler. Analysis of Stack emission has always been below 150 mg/nm ³ . Reports are regularly submitted to UPPCB. Although the DG set is used very rarely but a stack of 8 mtr height has been installed with DG set. |
| 17 | For minimizing the escape of SO ₂ from the Sulpherisation process, cane juice will be used as scrubber media which will be reused in the process. | We have proper Scrubbers and Cooling system at each Sulphur Furnaces in juice process station. |
| 18 | Total fresh water requirement shall not exceed 6300 KL/day on 9,000 TCD and shall be met from the ground water through tube well as proposed. Waste water generation shall not be obtained from the competent Authority for withdrawal of ground water. | Industry is not using fresh water more than 6300 KL/day and wastewater generation norms are being complied in season and off season. The permission from competent Authority shall be obtained as per recent guidelines. we have reduced our freshwater extraction to 1300 kl/day in previous season. |
| 19 | The process effluents shall not exceed 900m ³ /d respectively. | Industry is not exceeding the effluent more than 900m ³ /day from process as per CPCB norm 100 ltr/tcd and cooling tower overflow also 100 ltr/tcd. |
| 20 | Molasses shall be stored in MS tanks or pucca Lagoons. The lagoons shall have proper lining with HDPE and shall be kept in proper condition to prevent ground water pollution. As per the CPCB/ SPCB recommendation, storage shall not exceed 15 days capacity. | Industry is storing Molasses in RCC pucca Tanks with proper lining with HDPE and kept in proper condition to prevent ground water pollution as per the CPCB/ SPCB recommendations. There is also a pucca lagoon for holding 15 days treated water. |
| 21 | The solid waste generated from the process will be mainly bagasse, filter cake (press mud) and boiler ash. 100% Bagasse shall be reused as fuel in the boiler and excess bagasse of any, shall be sent to other sugar plants for power generation Molasses will be sent to the distillery unit. Filter cake shall be sent for bio-composting in the Distillery boiler Ash shall be sold to brick manufacturers. Sludge from the scrubber shall be dried and disposed of in the low lying areas. ETP sludge shall be used as fertilizer by the farmers. Used batteries and waste Lubricating Oil shall be sold to authorized recyclers. | Industry is complying with conditions as per given instructions. Waste oil is given to <u>Bharat Oil & waste management limited</u> as a contract on term & conditions. |
| 22 | Adequate green belt shall be provided all around the plant premises (minimum 33% of total area). | We have developed adequate greenery which is more than 33% of our premises area. As per UPPCB instructions in beginning of rainy season, we plant thousands of plants every year. |
| 23 | The Industry shall take adequate water conservation measures including providing minimum four (04) RWH pits at peak rainfall intensity. | Industry has taken up water conservation actions and is minimizing the consumption of water by carrying out maximum recirculation. 03 nos.(100m ³ /hr) mini cooling tower has also been installed to utilize excess hot condensate water after cooling in the process. A 25 m ³ /hr CPU is installed last year in addition of above. Two RWH pits are installed, one in campus near |

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| | | cane carrier & another in a pond in village Mandawali almost 5 kilometers away from our plant. |
| 24 | CREP Guidelines for the sugar Industries with power generation shall be followed by the unit. The capacity of Lagoon shall be as per the CPCB Guidelines. | Industry is following CREP guidelines and having a concrete constructed Lagoon to hold treated water for 15 days. |
| 25 | Commitments made during the Public Hearing shall be complied with. | Public hearing comments are followed. |
| 26 | Chief chemist with MSc Environment Degree should be appointed. | We have an experienced Chief Chemist with MSc Environment Degree named Mr. Vikas Vishnoi for ETP and Environment activities. |
| 27 | The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures and to be removed after the completion of the project. | We have done this work during our plant Erection and fabrication. Now after completion of project the same have dismantled. |
| 28 | All storm water drain and conveyor belt should be covered. | All drains are covered. |
| 29 | Any litigation pending in the Courts of Law it shall be binding on project proponent. | Nil |
| 30 | Parking facility should be provided within the project premises. | We have parking facility. |
| 31 | Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997. | NA |

General Conditions:

| Sr. No. | Conditions | Compliance Status |
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| 1 | The project authorities must strictly adhere to the stipulations made by the Uttar Pradesh State Pollution Control Board and the State Government | Industry is complying with the norms stipulated by UPPCB and CPCB |
| 2 | No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, UP. | Agreed |
| 3 | The gaseous emissions from various process units shall conform to the load/mass cases standards notified by this Ministry on 19 th May, 1993 and standards prescribed from time to time. The State Pollution Control Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location. | The gaseous emission are under norms as per CPCB. |
| 4 | At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM ₁₀ , PM _{2.5} , SO ₂ and NO _x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to UPPCB/CPCB and Regional Office, of MoEF at Lucknow once in six months. | Industry is monitoring the ambient air twice in season through a approved Lab and reports to UPPCB, CPCB & Regional Office, of MoEF. |
| 5 | Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May, 1993 and 31 st December, 1993 or as amended from time to time. The treated wastewater | Industry has ETP of sufficient capacity (1800 KLD). Treated water is recycled to the plant to use as make up water of cooling towers and campus gardening irrigation. Irrigation in own |

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| | shall be recycled in the plant and there shall not be any discharge of industrial waste water as committed by the project proponent during the presentation. | farm is carried out with this treated water also. 02 nos 200 cubic meter per hours pumps are installed to send treated water in Lagoon and farm for irrigation. |
| 6 | 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 shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night times.) | During Season monitoring of noise level is carried out by our staff and records. To control noise level checking is done at high noise places like Boilers, ETP blower, Dust collector, centrifugals etc. and diffuser are installed for ear plug at high noise area. |
| 7 | Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act. | Factory has its own Dispensary with staff(a hired doctor and nurse) to make required medical check-up and provide first aid facilities to the workers and staff. First aid boxes are placed in selected places and offices for quick relief. For serious matters company has provided facilities of Ambulance and staff to send them to nearby competent hospitals taken on rent. Health check-up is made periodically by external NGO under CSR activity. This type facility is also given to nearby ten villages by a mobile van having a doctor, staff and necessary medicines in scheduled manner. NGO name is PHD rural development center, Delhi. |
| 8 | The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table. | We have two rain water harvesting systems, one near mill house in campus and another in a village Madhawali, in it's lake |
| 9 | The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc. | Company has established Junior School (Academy of Modern Learning, School) at Village Gunnaur for the wards of poor and backwards. Cane development programmes in the command mill area are regularly done, by providing press mud on FOC, pesticide on concessional rate etc. Management has served during covid-19 infection providing, masks, sanitizers on FOC etc. to near communities, villages. |
| 10 | As proposed, budget shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of MoEF at Lucknow. The funds so provided shall not be diverted for any other purpose. | Proposed budgets that were taken during plant establishment for installing ESP, Wet scrubber, filters at ETP online monitoring system at Chimney and ETP discharge, condensate hot water-cooling towers, wastewater recycling arrangement inside plant, irrigation pumps and pipe lines to farm and lagoon etc. are invested in the concerned works. One 25m3/hr capacity condensate polishing unit has been started last year. This will help to reduce freshwater extraction from ground. An STP of capacity 50 m3/hr is also installed and commissioned in previous season. |
| 11 | A copy of clearance letter shall be sent by the 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 clearance | The copy of EC is already sent to concern as per instructions. |

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| | letter shall also be put on the website of the company by the proponent. | |
| 12 | The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MoEF at Lucknow, CPCB and UPPCB. The criteria pollutant levels namely; PM ₁₀ , PM _{2.5} , SO ₂ , NO _x (ambient levels as well as stack emissions) for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain. | The company is complying with the condition |
| 13 | The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF, CPCB and UPPCB. The Regional Office of MoEF at Lucknow/CPCB/SPCB shall monitor the stipulated conditions. | The company will submit compliance reports on six month basis as per instructions. |
| 14 | The environment statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent 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 conditions and shall also be sent to the Regional Office of the MoEF at Lucknow. | Company submits environment statement to UPPCB. |
| 15 | The Project Proponent shall inform the public that the project has been accorded Environmental Clearance by the SEIAAUP and copies of the clearance letter are available with the SPCB and may also be seen at Website of the SEIAAUP at seiaaup.com. 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 should be forwarded to the Regional office at Lucknow. | Industry have sent copy of Environment clearance to UPPCB and advertised in the local news papers. |
| 16 | Project authorities shall inform the Regional Office of MoEF, Lucknow as well as the SEIAA the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work. | The reports are already sent to concerned authorities. |

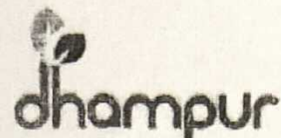
Thanks, with regards

Your's sincerely

Sd/-

Sumod Singh

Sr. G.M. Prod,



Dhampur Sugar Mills Limited

Unit : Rajpura

Vill. & P.O. : Rajpura, Distt. Sambhal

Pin Code : 243 727 (U.P.)

Tel. : +91-5838-239055, Fax : 239054

E-mail : dsmrajpura@dhampur.com

CIN No. : L15249UP1933PLC000511

Ref: DSM/R/2015/52

Date: 15.12.2015

To

The Joint Director (S),
Ministry of Environment, Forest & Climate Change,
Regional Office (Central Region)
Kendriya Bhawan, 5th Floor, Sector 'H'
Aliganj, Lucknow-226 024

Subject- Environmental Clearance for Expansion of existing Sugar unit from 7000 TCD to 9000 TCD and power 40 MW (based on 60% bagasse + Coal as fuel), Dhampur Sugar Mills Ltd., Dhampur Railway Road, Tehsil Dhampur, Bijnor.

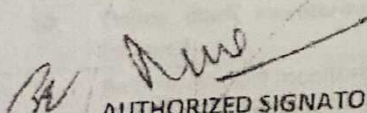
Ref: State Environmental Clearance letter no. 1763/Parya/SEAC/1572/2013/AD(H)/2014 dated 11.11.2014

Respected Sir,

In reference to your File No- VII/Env/SCL-UP/1042/2014/1101 dated 12-11-2015 regarding submission of the monitoring of the stipulated environmental condition/safeguard for our above subject project as instructed in our above State Environmental Clearance letter no. 1763/Parya/SEAC/1572/2013/AD(H)/2014 dated 11.11.2014, we are furnishing our point wise compliance/ details as per attached file.

May kindly find the same and oblige.

For D.S.M. SUGAR RAJPURA


AUTHORIZED SIGNATORY



Dhampur Sugar Mills Limited
Unit : Rajpura

Vill. & P.O. : Rajpura, Distt. Sambhal
Pin Code : 243 727 (U.P.)
Tel. : + 91-5836-239055, Fax : 239054
E-mail : dsmrajpura@dhampur.com
CIN No. : L15249UP1933PLC000511

ENVIRONMENT POLICY

M/s. Dhampur Sugar Mills Ltd., Unit-Rajpura is engaged in production of Sugar is committed towards clean and sustainable environment. The crushing of sugarcane at DSM Sugar Mills - Rajpura unit to produce sugar in an environment friendly manner and is striving to;

- Integrate sound environmental management practices in all our activities.
- Conduct our operations in environmentally responsible manner to minimize pollution and its' impact on environment.
- Comply with applicable legal and other requirements related to environmental aspects of our operations and strive to go beyond. The environment management cell will be headed by EHS Manager, a well qualified and experienced environment engineer.
- DSM-Rajpura shall ensure that deviations from this policy and cases of violations/non-compliances of Environment or Forest Laws, if any, shall be reported to the Board of Directors through EHS Manager and shall identify designate responsible person for ensuring compliance with the Environmental Laws and Regulations.
- Conserve energy, and other natural resources, minimize waste generation and promote recovery, recycle and reuse.
- Increase greenery in and around the plant.
- Ensure continual improvement in environmental performance by setting & reviewing objectives & targets.
- Encourage environmental awareness amongst employees working for and on behalf of DSM and the general populace around the plant.

Date:



Unit Head

Regd. Office :- Dhampur Sugar Mills Ltd., Near Rly Station, Dhampur (Bijnor) U.P. 246761
E-mail Id :- corporateoffice@dhampur.com
Website :- www.dhampur.com

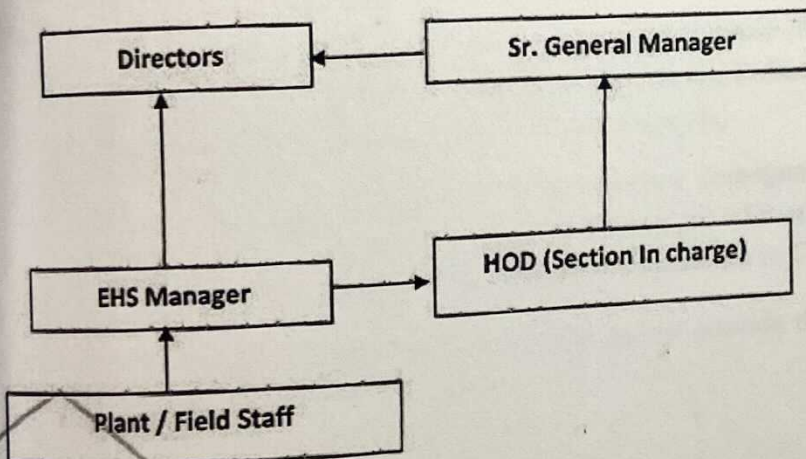


Dhampur Sugar Mills Limited
Unit : Rajpura

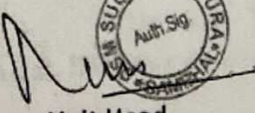
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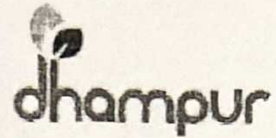
Hierarchical systems - environmental issues and for ensuring compliance

Company EHS cell is responsible for the compliance of the environmental conditions. The Environmental Manager will functionally report to HOD, however for environmental matters he will directly report to the Director.



Date:


Unit Head



Dhampur Sugar Mills Limited

Unit : Rajpura

Vill. & P.O. : Rajpura, Distt. Sambhal

Pin Code : 243 727 (U.P.)

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Ref: DSM/R/2015/6

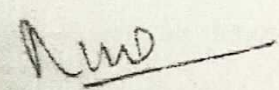
Date: 15.12.2015

UNDERTAKING

We undertake that no additional Tubewells / Water Resources have been installed under the Expansion / Co-generation Project. It is in compliance of the Environmental Clearance vide letter No.VII/Env/SCL-UP/1042/2014/1101 dated 12.11.2015.

It is to confirm that we are utilising the existing Tubewells, alternatively, as per requirement.

For DSM Sugar, Rajpura
(A Unit of Dhampur Sugar Mills Ltd.)


Sr. General Manager