DHAMPUR
Legacy for tomorrow

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 ---

Sn.	Conditions	Compliance Status on 30.06.2023
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 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 send in previous information, dated 15.12.2015.
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 undertaken after commissioning of proposed activities and report submitted to SEIAA and UPPCB within a year	Submitted and informed in previous correspondence (15.12.2015).
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.	The Unit is complying with all conditions as per UPPCB.
8	CSR plan with Rs.3.50 crore shall be prepared and submitted.	As per the compliance of CSR, Dhampur Sugar Mills Limited has committed estimated Rs. 5.10 Crore for the Upcoming crushing season 2023-24.
9	No polythene use shall be permitted in plant premises.	The Unit 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.	Filter press & sludge drying 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 crushing season.	The Unit conducts monitoring of ambient air quality through an external agency both in up-wind direction and other in predominant wind direction.
14	Flow measurement device should be installed at the outlet of ETP.	ETP outlet flow meter & Online Monitoring system has been installed and working, already.
15	To reduce the emission of particulate matter and gases Electrostatic precipitator shall be installed and connected with Boiler duct.	In 120 TPH boiler ESP is installed, and wet scrubber is installed with 70 TPH Boiler. The Unit is complying with Air emission norms.
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 more than 900m^3/day in season and 200m^3/day in off-season. Permission shall be obtained from the competent Authority for withdrawal of ground water.	The Unit is not using fresh water more than 6300 KL/day and waste water generation norms are being complied with in season and off season. Permission from competent Authority has been obtained as per recent guidelines. we have reduced our freshwater extraction to 611 kl/day in previous season.
19	The process effluents shall not exceed 900m^3/d respectively.	The Unit does not exceed the effluent more than 900m^3/day.
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.	The Unit 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.	The Unit is complying with the conditions as per given instructions. Waste oil is given to Bharat Oil & waste management limited as a contract on term & conditions.
22	Adequate green belt shall be provided all around the plant premises (minimum 33% of total area).	The Unit has developed adequate greenery, which is more than 33% of our premises area. As per UPPCB instructions, in the beginning of rainy season, we plant thousands of plants every year. Following Miyawaki Technique we have planted 4000 plants
23	The Industry shall take adequate water conservation measures including providing minimum four (04) RWH pits at peak rainfall intensity.	The Unit has taken up water conservation actions and is minimizing the consumption of water by carrying out maximum re-circulation. 03 nos.(100m3/hr) mini cooling tower has also been installed to utilize excess hot condensate water after cooling in the process. A 25 m3/hr CPU is installed last year in addition of above. Six

		RWH pits are installed, three in campus near cane carrier,Colony & near Sales office and another three ponds in villages Mandawali, Singholi Kallu And Singholi Purvi .
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.	The Unit 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.	The Unit has an experienced Chief Chemist with MSc Environment Degree named Mr. Amit Kumar 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.	The Unit has 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 & conveyor belts 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.	The Unit has 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:

SN	Conditions	Compliance Status

1	The project authorities must strictly adhere to the stipulations made by the Uttar Pradesh State Pollution Control Board and the State Government	The Unit 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 19th 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 emissions 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.	04 Nos stations/points are specified for ambient air quality monitoring at Unit. The Unit is a monitoring the ambient air twice in season through an approved Lab and reports to UPPCB, CPCB & Regional Office, of MoEF.
5	Industrial waste water shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated waste water 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.	The unit has ETP of sufficient capacity (1800 KLD). Treated water is recycled in the plant to use as make up water of cooling towers and campus gardening irrigation. Irrigation on our own 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 recorded. To control noise level, checking is done at high noise places like Boilers, ETP blower, Dust collector, centrifugal s 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.	The Unit 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 rainwater for utilization in the lean season besides recharging the ground water table.	6 Rain Water Harvesting pits are installed, three in campus near cane carrier, Colony and near Sales office and another three ponds in villages Mandawali, Singholi Kallu And Singholi Purvi
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 socioeconomic development activities in the surrounding villages like community development programmers, educational programmers, drinking water supply and health care etc.	The Unit is complying with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Several Cane Development Programmers in the command mill area are regularly carried out by the Unit by providing press mud on FOC, pesticide on concessional rate etc. the Unit has served during covid-19 infection providing, masks, sanitizes 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, waste water 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 was started in previous years. This will help to reduce fresh ground water extraction. An STP of capacity 50 m3/hr was also installed and commissioned in previous years .

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 letter shall also be put on the website of the company by the proponent.	The copy of EC is already sent to concern as per instructions.
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 s 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 Unit will submit compliance reports on six-month basis as per instructions.
14	The environment statement for each financial year ending 31st 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.	The Unit 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	The Unit has already sent copy of Environment clearance to UPPCB and advertised in the local newspapers.

	language of the locality concerned and a copy of the same should be forwarded to the Regional office at Lucknow.	
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.

We once again assure that we are conscious to our Social responsibilities and committed towards creating a clean and safe environment in and around the plant.

With Regards,

For-**M/S DSM Sugar Rajpura**

(A Unit of Dhampur sugar mills limited)

Distt.-Sambhal UP 243727

Thanking You

Yours faithfully

For DSM Sugar Rajpura

(Authorized Signatory)

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