



केन्द्रीय प्रदूषण नियंत्रण बोर्ड  
CENTRAL POLLUTION CONTROL BOARD

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार  
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

Speed Post

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23<sup>rd</sup> October, 2018  
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To,

M/s Dhampur Sugar Mills (DSM) Ltd.,  
(Formerly J.K. Sugar Limited),  
Sindhauri Road, Meerganj,  
Bareilly, U.P.-243504

**DIRECTION UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT,  
1986-MUJCE T...**

**WHEREAS**, the Central Government has notified the standards for discharge of environmental pollutants from various categories of industries under the Environment (Protection) Act, 1986 and the rules framed there under; and

**WHEREAS**, the Ministry of Environment & Forests, Govt. of India, vide notification S.O.157(E) of 27.02.1996 has delegated powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board (CPCB), to issue direction to any industry, Municipal Corporation, Municipal Council, Cantonment Board to any local or other Authority for the violation of emission and effluent standards notified under the Environment (Protection) Rules, 1986; and

**WHEREAS**, it is obligatory on the part of industries to install effluent treatment plants (ETPs) to comply with the effluent discharge standards as notified under the Environment (Protection) Act, 1986 and the Rules framed thereunder and also to meet the consent conditions granted by State Pollution Control Board (SPCBs) / Pollution Control Committees (PCCs); and

**WHEREAS**, M/s Dhampur Sugar Mills (DSM) Ltd., (Formerly J.K. Sugar Limited), Sindhauri Road, Meerganj, Bareilly, U.P. (hereinafter referred as 'the Unit') is involved in the process of sugar manufacturing from crushing of cane; and

**WHEREAS**, CPCB issued direction dated 29.06.2017 to the Unit under section 5 of Environment Protection Act, 1986 for carrying out adequacy assessment through reputed technical institutes; and

**WHEREAS**, CPCB received adequacy assessment report vide letter dt. 10.10.2017 on 12.10.2017 from the unit prepared by NSI, Kanpur; and

**WHEREAS**, CPCB issued direction dated 08.11.2017 under section 5 of Environment Protection Act, 1986 to the Unit; and

(Contd..2/-)

M/s Dhampur Sugar Mills (DSM) Ltd., (Formerly J.K. Sugar Limited), Sindhauri Road, Meerganj, Bareilly,  
U.P.

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

**WHEREAS**, the Unit has submitted the status of implementation of action plan vide letter dt. 12.12.2017 to CPCB; and

**WHEREAS**, the Unit (M/s Dhampur Sugar Mills Ltd., (Formerly J.K. Sugar Limited), Sindhauli Road, Meerganj, Bareilly, U.P.) was inspected on 25.01.2018 by officials from CPCB, Delhi and following observations were made;

1. During the inspection, ETP was operational.
2. The Unit has applied for valid consent of Water Act & Air Act.
3. The analysis of treated effluent sample shows pH-7.06 as against norms of 5.5-9.0, **BOD-31.2 mg/l** against norms of 30 mg/l, COD- 112 mg/l against norms of 250 mg/l and **TSS-111 mg/l**, against norms of 30 mg/l at the outlet of ETP which indicates non-compliance w.r.t. BOD & TSS norms prescribed under Environment (Protection) Rules, 1986.
4. The MLSS concentration in the aeration tank is very low i.e. **684 mg/l**.
5. The Unit has submitted the irrigation management plan.
6. Leakage was observed from syrup pumps, sulphide used pumps, magma pumps, condensate pumps etc.
7. The Unit has not submitted the revalidated ETP adequacy assessment report within 45 days to CPCB.

**WHEREAS**, CPCB issued show cause notice dated 15.03.2018 under Section 5 of the Environment (Protection) Act, 1986 the unit for the following:

1. The aeration tank of ETP system is not properly stabilised due to poor operation and maintenance of ETP system and treated effluent discharge does not meet the prescribed discharge standards.

**WHEREAS**, the unit submitted the revalidated adequacy assessment reports and irrigation management plan validated by NSI, Kanpur vide letter dt. 15.06.2018; and as per the report following recommendations have been made by NSI, Kanpur:

1. Flow meters to be installed at major unit operations to ascertain and control hot and cold water requirement.
2. Flow meters to be installed at various consumption points.
3. Carbon-filters were found inadequate in size and should be replaced by suitable sized filters.
4. Hot UGR of suitable capacity to be provided.
5. Hazardous tank to collect washing of chemical cleaning shall be provided.
6. Proper log book to be maintained to record fresh water consumption and waste water/effluent discharge.
7. Proper data of cooling tower blow down treatment and its re-circulation shall be provided.
8. The unit is having adequate treatment system for installed capacity of 5000 TCD and waste water generation is estimated as 170 L/T.

(Contd..3/-)

**WHEREAS**, CPCB through an Expert Committee comprising of experts from National Sugar Institute (NSI), Kanpur, Vasantdada Sugar Institute (VSI), IITs and representatives from sugar mills prepared a Charter for Water Recycling and Pollution Prevention (hereafter referred to as the Charter).

**WHEREAS**, the unit vide letter dated 09.04.2018 submitted their compliance status of the Charter, which was examined and following observations were made:

1. The unit has developed well equipped testing laboratory with trained staff.
2. The unit will install CPU.
3. The unit has installed flow meters at the inlet and outlet of ETP.
4. The unit has installed separate flow meters at requisite positions.
5. The unit is utilising its surplus cooled condensate for make-up water in place of fresh water to reduce fresh water requirement.
6. The unit has submitted compliance report on BMT for Water Recycling and Pollution Prevention.

**AND WHEREAS**, a meeting of sugar mills operating in Uttar Pradesh, representatives of UPPCB and CPCB was held on 06.07.2018 under Chairmanship of Principal Secretary, Sugar Industries and Sugarcane Development, Government of Uttar Pradesh and the following decisions are made

1. The unit shall submit the compliance status of the charter.
2. Sugar Mills shall submit an action plan to CPCB by 20.07.2018 regarding the steps taken by them pertaining to the notices issued to them. Also they shall submit action plan to implement recommendations of their adequacy assessment report.
3. All sugar mills shall ensure implementation of Charter and shall submit action plan to CPCB by 20.08.2018.
4. All sugar mills shall ensure the upgradation of their ETP within August, 2018 so as to ensure no interruption in functioning of the ETP in the following seasons.
5. All sugar mills shall maintain a logbook on ETP operations on a daily basis.
6. ETP shall be operational at all times and all bypass arrangements should be dismantled with immediate effect.
7. MLSS in aeration tanks should be maintained at 2000-2500 mg/l.
8. All sugar units shall set up environmental laboratories for regular analysis of raw and treated effluent thereby ensuring proper functioning of the ETP.
9. All sugar mills shall employ dedicated technicians for operating and regular maintenance of ETP and shall also ensure that the technicians are given proper training on ETP maintenance and lab analysis on regular basis.
10. To ensure proper training of the environmental technicians all sugar mills shall facilitate training of 5 employees.

**(Contd..4/-)**

11. All sugar mills may establish an Environment Management Cell at their level consisting of concerned officials in order to ensure compliance with environmental standards at industry level itself.

**NOW, THEREFORE**, in view of the above observation, and exercising powers delegated to the Chairman, Central Pollution Control Board under section 5 of the Environment (Protection) Act, 1986, the unit (M/s Dhampur Sugar Mills (DSM) Ltd., U.P) is directed to comply with the following directions before commencement of crushing season 2018-2019.

1. The unit shall implement the observation & recommendation of the revalidated adequacy assessment of ETP.
2. The unit shall install sealed flow meter along with running hours meter on bore wells so as to ascertain usage of fresh water for various uses.
3. The unit shall install flow meters at major areas of cold and hot water consumption.
4. The unit shall carry out colour coding of pipelines carrying recycled process water and fresh process water.
5. The unit shall install flow meters for measuring generation of effluent from various prominent areas.
6. The unit shall maintain logbook for individual process unit for recording daily water consumption and effluent generation also.
7. The unit shall carry out analysis of effluent discharge parameters notified under Environment (Protection) Rules, 1986 and log book shall be maintained on daily basis.
8. The unit shall submit the implementation status of the Charter in the form of Affidavit and the documentary proof of the completion of the work as committed in the action plan.
9. The unit shall submit implementation status of the Charter and performance audit of ETP including actual assessment of water consumption & effluent generation duly validated by reputed expert institute namely NSI Kanpur, VSI Pune, IITs during crushing season & submit the report to CPCB within 60 days of resumption period.
10. The unit shall commission mechanical sludge handling system of adequate capacity.

In case of default in compliance with the above directions, CPCB will be constrained to initiate action against the unit without giving any further notice in accordance with the provisions of the Environment (Protection) Act, 1986.



(S.P Singh Parihar)  
CHAIRMAN

25.10.18

(Contd..5/-)

**Copy to:**

1. **Principal Secretary (Sugar)**  
Sugar Industry and Cane Development  
Department, "G" Block 2/3, Mantri Wing 4th  
Floor Bapu Bhawan Vidhan Sabha Marg  
Lucknow - 226 001  
: With request to ensure compliance  
of the directions.
2. **Member Secretary**  
Uttar Pradesh Pollution Control Board,  
Building No. TC-12V, Vibhuthi Khand,  
Gomti Nagar, Lucknow - 226 010  
: For kind information, please.
3. **Joint Secretary (CP Division)**  
Ministry of Environment, Forest & C.C  
Prithvi Block, Indira Paryavaran Bhawan,  
Jorbagh Road, New Delhi - 110 003  
: For kind information, please.
4. **District Magistrate**  
Rampur, U.P.  
: For kind information, please.
5. **Regional Directorate**  
Regional Director  
Central Pollution Control Board, PICUP Bhawan,  
Ground Floor, Vibhuthi Khand, Gomti Nagar,  
Lucknow - 226 010  
: For follow up and ensuring  
compliance
6. In-charge, IT Division, CPCB
7. Master file/Guard file WQM II, CPCB Delhi

  
(PRASHANT GARGAVA)  
MEMBER SECRETARY