



**U.P. Pollution Control Board**

**CONSENT ORDER**

**Reference No. 136/UPPCB/Lucknow(UPPCBRO)/CTO/air/Sitapur  
/2017**

**Dated : 21/12/2017**

**To ,**

M/S N C Paliwal  
Dalmia Chini Mills Distillery Unit-Jawaharpur  
Dalmia Chini Mills; Distillery Unit-Jawaharpur Vill.- Jawaharpur.- Ramkot Distt.-Sitapur, :(UP)  
Sitapur

**Sub : Consent under section 21/22 of the Air (Prevention and control of Pollution) Act, 1981 (as amended)  
to M/s. Dalmia Chini Mills Distillery Unit-Jawaharpur**

Reference Application No. 58360

Dated : 21/12/2017

1. With reference to the application for consent for emission of air pollutants from the plant of M/s Dalmia Chini Mills Distillery Unit-Jawaharpur. under Air Act 1981. It is being authorised for said emissions, as per the standards, in environment, by the Board as per enclosed conditions .
2. This consent is valid for the period from 01/01/2018 to 31/12/2019 .
3. Inspite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 21 (6) of the Air (Previntion and Controt of Pollution) Act, 1981 as amended.  
This consent is being issued with the permission of competent authority .

**For and on behalf of U.P. Pollution Control Board**

**Enclosed : As above  
(condition of consent):**

Copy to: Regional Officer U.P. Pollution control Board, Lucknow

## U.P. Pollution Control Board

Dated : 21/12/2017

### CONDITIONS OF CONSENT

1. This consent is valid only for the approved production capacity of Absolute Alcohol, RS, ENA 120 KLD.
- 2(a). The maximum rate of emission of flue gas should not be more than the emission norms for the stacks.

Air Pollution Source Details					
S.No	Air Pollution Source	Type of Fuel	Stack No.	Parameters	Height
1	Boiler 140 TPH	Baggase/Coal	2	Particulate Matter	65 Mtr
2	D.G. Sets 3 Nos. 400 KVA each	HSD		Particulate Matter	4 Mtr above the roof

- 2(b). The emissions by various stacks into the environment should be as per the norms of the Board .

Emission Quality Details Detail			
S.No	Stack No	Parameter	Standard
1	1	Particulate Matter	150 mg/Nm3

3. Quantity of other pollutants should also be as per the norms prescribed by the Board/MOEF & CC/or otherwise mandatory .
4. The equipment for air pollution control system and monitoring ,as proposed by the industry and approved by the Board should be installed in their premises itself .
5. The modification or installation in the existing pollution control equipments should be done only by prior approval of Board .
6. The operation of air pollution control system and maintenance be done in such a way that the quantity of pollutants should be in accordance with the standards prescribed by the Board/MoEF & CC/or otherwise mandatory .
7. Unit should do provisions for fugitive emissions chimney/stack as per the norms of the Board/MOEF & CC/or otherwise mandatory .
8. The unit should submit the stack emissions monitoring report within one month from issuance of consent order along with the point wise compliance report of the consent order . Further quarterly monitoring report should be submitted .

### Specific Conditions:

1. Total production of Rectified Spirit / ENA / Absolute Alcohol shall not exceed 120 Kilo Litre per Day under any circumstances; failing which, this renewal of consent shall be treated as cancelled.
- 2.Ensure safe disposal of ash born from industrial boiler so that the ash do not adversely affects the health of surrounding environment or public. Boiler ash should not be disposed along roadside.
- 3.Disposal of boiler born ash must be done by landfill/ storage /reuse on self owned land regarding which land ownership documents/ area details and proposal for safely disposal of ash must be sent to board within one month.
- 4.Industry must strictly comply to charter issued by CPCB.
- 5.The unit shall operate and maintain the APC measures efficiently and continuously so as to satisfy the AAQ/Emission standards prescribed by the Board.
- 6.The unit shall adhere to the ambient Air quality standards prescribed by the board at all the times.
- 7.Effective operation & maintenance of all installed Air Pollution Control Equipments should be done so that quantity of polluting ingredients meets the norms/standards of the board.
- 8.Plantation of plants in fair amount should be done which helps in improving environment and send the progress report on quarterly basis.
- 9.In case CPCB issues closure order under section-5 of E.P. Act of 1986, this consent shall automatically be deemed as cancelled.
10. The industry will not use Pet coke and Furnace oil as Fuel.
11. Audited Balance Sheet/ C.A. Certificate should be submitted within one month from the date of issue of this Certificate for verification of Consent fee payable.

**Issued with the permission of competent authority .**

**For and on behalf of U.P. Pollution Control Board .**



**U.P. Pollution Control Board**

**CONSENT ORDER**

**Reference No.**  
**138/UPPCB/Lucknow(UPPCBRO)/CTO/water/Si**  
**tapur /2017**

**Dated : 21/12/2017**

**To ,**

M/S N C Paliwal  
Dalmia Chini Mills Distillery Unit-Jawaharpur  
Dalmia Chini Mills; Distillery Unit-Jawaharpur Vill.- Jawaharpur.- Ramkot Distt.-Sitapur, :(UP)  
Sitapur

**Sub : Consent under Section 25/26 of The Water (Prevention and control of Pollution) Act, 1974 (as amended) for discharge of effluent to M/s. Dalmia Chini Mills Distillery Unit-Jawaharpur**

**Reference Application No :58421**

**Dated :21/12/2017**

1. For disposal of effluent into water body or drain or land under The Water (Prevention and control of Pollution) Act,1974 as amended (here in after referred as the act ) M/s. Dalmia Chini Mills Distillery Unit-Jawaharpur is hereby authorized by the board for discharge of their industrial effluent generated through ETP for irrigation/river through drain and disposal of domestic effluent through septic tank/soak pit subject to general and special conditions mentioned in the annexure ,in refrence to their foresaid application .
2. This consent is valid for the period from 01/01/2018 to 31/12/2019 .
3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 27(2) of the Water (Previntion and Controt of Pollution) Act, 1974 as amended .

This consent is being issued with the permission of competent authority .

**For and on behalf of U.P. Pollution Control Board**

**Enclosed : As above**  
**(condition of consent):**

Copy to: Ceo-5, U.P. Pollution control Board, Lucknow

## U.P. POLLUTION CONTROL BOARD, LUCKNOW

### Annexure to Consent issued to M/s.Dalmia Chini Mills Distillery Unit-Jawaharpur vide

Consent Order No. 58421/ Water

Dated : 21/12/2017

#### CONDITIONS OF CONSENT

1. This consent is valid only for the approved production capacity of Absolute Alcohol, RS, ENA 120 KLD.
2. The quantity of maximum daily effluent discharge should not be more than the following :

Effluent Discharge Details			
S.No	Kind of Effluent	Maximum daily discharge,KL/day	Treatment facility and discharge point
1	Industrial	0	Septic Tank
2	Domestic	1 KLD	Septic Tank

3. Arrangement should be made for collection of water used in process and domestic effluent separately in closed water supply system. The treated domestic and industrial effluent if discharged outside the premises, if meets at the end of final discharge point, arrangement should be made for measurement of effluent and for collecting its sample. Except the effluent informed in the application for consent no other effluent should enter in the said arrangements for collection of effluent. It should also be ensured that domestic effluent should not be discharged in storm water drain .
- 4 a. The domestic effluent should be treated in treatment plant so that the should be in conformity with the following norms dated treated effluent .

Domestic Effluent		
S.No	Parameter	Standard

- 4 b. The industrial effluent should be treated in treatment plant so that the treated effluent should be in conformity with the following norms. .

Industrial Effluent		
S.No	Parameter	Standard

- 5 . Effluent generated in all the processes, bleed water, cooling effluent and the effluent generated from washing of floor and equipments etc should be treated before its disposal with treated industrial effluent so that it should be according to the norms prescribed under The Environment (Protection) Act,1986 or otherwise mandatory .
- 6 . The other pollutant for which norms have not been prescribed, the same should not be more than the norms prescribed for the water used in manufacturing process of the industry .
- 7 . The method for collecting industrial and domestic effluent and its analysis should be as per legal Indian standards and its subsequent amendments/standards prescribed under The Environment (Protection) Act, 1986.
- 8 . The treated domestic and industrial effluent be mixed (as per the provisions of Condition No. 2) and disposed of on one disposal point. This common effluent disposal point should have arrangement for flow meter/V Notch for measuring effluent and its log book be maintained .

#### Specific Conditions:

- 1.Total production of Rectified Spirit / ENA / Absolute Alcohol shall not exceed 120 Kilo Litre per Day under any circumstances; failing which, this renewal of consent shall be treated as cancelled.
- 2.Industry shall use molasses as raw material for manufacturing of Rectified Spirit / ENA / Absolute Alcohol as per proposal submitted by industry.
- 3.Industry shall operate and maintain the MEE ,Bio-gas and Compost systems to ensure Zero Liquid Discharge.
- 4.Industry shall comply all other directions issued under the Water (Prevention and Control of Pollution) Act, 1974 stipulated by Central Pollution Control Board, New Delhi to ensure achievement of Zero Liquid Discharge positively.
- 5.The separated water from solid separation system such as condensate from evaporation-concentration system such as MEE shall be reutilized in the process. If required, separated water and condensate may be treated before reutilization.
- 6.Industry shall operate and maintain measuring devices (water/flow meters) at required location (raw water consumption, solid separation system: feed, permeate and reject, evaporation-concentration systems: feed concentrate and condensate, water reused in the process & concentrate utilized in drying system/equivalent technology) to record the water balance shortly without delay.
- 7.Industry shall display the water balance and quantities of concentrated spent wash disposed in (drying system/equivalent technology) and report the reduction in raw water consumption as a result of adopting these systems. Industry shall also install web cameras at each strategic location such as MEE, and all bio-compost yard etc. for monitoring purpose. Industry shall operate and maintain installed web cameras at each strategic location spent wash storage lagoon and compost yard etc. for monitoring purpose.
- 8.The storage facility provided for spent wash shall be properly lined and made impermeable and the storage capacity at any stage shall not exceed 30 days equivalent of production.
- 9.The other effluent streams apart from spent wash including spent lees, plant washings, leakages, bottle washings, boiler blow down, etc. shall be treated properly in a separate ETP or mixed with the feed for MEE and shall be reused/utlized in the process.
- 10.The systems to be installed by the industry shall have adequate capacities to treat the entire spent wash generated from consented capacity, so as to achieve Zero Liquid Discharge.
- 11.Industry shall operate and maintain the effluent treatment system effectively and regularly. All the effluent treatment system shall be kept in good running condition all the time and failure (if any), shall be immediately rectified without delay otherwise, similar alternate arrangement shall be made. In the event of any failure of any pollution control system adopted by the industry, the respective production unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Industry shall not discharge any treated / untreated effluent in to the river or any surface water bodies. No effluent shall be discharged outside of the factory premises in any circumstances; hence zero discharge condition shall be maintained at all the time.
- 12.Industry shall make proper arrangement for safe and scientific handling, storage, transportation and disposal of all solid wastes, sludge etc. generated.
- 13.Industry shall provide adequate arrangement for control of odour nuisance. All internal roads shall be made pucca. Industry shall maintain good housekeeping within factory premises, around effluent treatment facilities etc.
- 14.Industry shall ensure regular running of Continuous Online Effluent Monitoring System for monitoring of treated effluent. Industry shall submit regular monitoring report of un-treated and treated effluent every month. Industry shall also ensure regular online transfer of data (Online Effluent Monitoring System) in the Uttar Pradesh Pollution Control Board, Lucknow.
- 15.Industry shall use fly ash brick, fly ash block and fly ash based products in the construction/repairing activities.
- 16.Wide green belt of broad leaf local species shall be developed all along the plant premises. As far as possible maximum area of open spaces shall be utilized for plantation purposes. Industry shall develop green belt within and around the plant premises in at-least 33% area of the total project area. Extensive tree plantation shall be carried out in this year.
- 17.Industry shall submit Environment Statement to this Board as per provision of Environment (Protection) amendment Rule, 1993 for the previous year ending 31st March on or before 30th September every year.
- 18.In case industry fails to comply with the directions issued by Board in a stipulated time schedule and / or fails to comply with any of the conditions stipulated in the consent / renewal, the consent to operate (CTO)/renewal of consent issued by Uttar Pradesh Pollution Control Board, Lucknow, shall stand automatically withdrawn and manufacturing operations shall be close down without further notice.
- 19.Construct 0.3mtr free board in each lagoon used for storing spent wash to prevent overflow and all lagoons must be interconnected such that each lagoon maintains same level of storage.
- 20.Ensure to send monthly reports regarding spent wash storage and details of water level in each

lagoon constructed in industry.

21. Install shallow hand pumps in bio-composting yard so that analysis of under ground water contamination can be done. Ensure to send quarterly reports to board regarding water analysis samples taken from shallow hand pumps.

22. Ensure to send monthly report of bio-compost production and its sale (alongwith required documents which can be verified)

23. Analysis of Biofertilizer must to be done and analysis report of biofertilizer being devoid of pathogen must be send to board within one month.

24. Ensure to send monthly report of total quantity of Industrial exudation generated by industry (before purification) and culture.

25. Ensure industry production such that zero discharge from lagoons must be achieved by use of bio-composting/R.O./M.E.E./Incinerator.

26. Spent wash stored in solid lagoon constructed within industrial premises should not exceed 15 days spent wash relative to approved storage capacity or in any case must not exceed 50% of lagoon storage capacity (marked as red) whichever is less.

28. In case CPCB issues closure order under section-5 of E.P. Act of 1986, this consent shall automatically be deemed as cancelled.

29. Audited Balance Sheet/ C.A. Certificate should be submitted within one month from the date of issue of this Certificate for verification of Consent fee payable.

30. The unit shall comply with the conditions mentioned in the Environmental Clearance granted by MoEF dated 04-12-2006 as well as the conditions mentioned in the NOC granted by UPPCB dated 17-11-2006.

31. Analysis report from recognized Laboratory for Solid concentration at Inlet and Outlet of MEE should be submitted to the Board within one month from the date of issued of this Certificate.

**Issued with the permission of competent authority .**

**For and on behalf of U.P. Pollution Control Board .**