



**Uttar Pradesh Pollution Control Board**

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165704/UPPCB/Meerut(UPPCBRO)/CTO/both/MEERUT/2022

Date: 05/12/2022

To,

M/s

DAURALA SUGAR WORKS CHEMICAL PLANT

DAURALA SUGAR WORKS (CHEMICAL PLANT)

DAURALA,MEERUT,250221

Application Id-  
17950720

Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Fresh) under Section-25 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section-21 of the Air (Prevention & Control of Pollution) Act, 1981

CCA is hereby granted to DAURALA SUGAR WORKS CHEMICAL PLANT located at DAURALA SUGAR WORKS (CHEMICAL PLANT) DAURALA,MEERUT,250221. subject to the provisions of the Water Act, Air Act and the orders that may be made further and subject to following terms and conditions :-

1. This CCA DAURALA SUGAR WORKS CHEMICAL PLANT granted for the period from 01/01/2023 to 31/12/2024 and valid for manufacturing of following products.

S No	Product	Quantity	Unit
1	CHLORO BENZOIC ACIDS-867 MT/MONTH	867	Metric Tonnes/Month
2	CHLORO BENZALDEHYDES, BENZYL CYANIDES	0	Metric Tonnes/Month
3	BENZALDEHYDES, SODIUM BENZOATE	0	Metric Tonnes/Month
4	BENZYL ALCOHOL, BENZYL BENZOATE, DI BENZYL ETHER	0	Metric Tonnes/Month
5	BENZYL CHLORIDES, PHENYL ACETIC ACID	0	Metric Tonnes/Month

2. Conditions under Water(Prevention and Control of Pollution) Act -1974 as amended :-

(i) The daily quantity of effluent discharge (KLD) :-

Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point
Domestic	6.0 KLD	Septic Tank	INTO SEPTIC TANK

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<b>Industrial</b>	<b>1450 KLD</b>	<b>ETP</b>	<b>KAILI DRAIN TO RIVER KALI</b>
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(ii) Trade Effluent Treatment and Disposal :-The applicant shall operate Effluent Treatment Plant consisting of primary/secondary and tertiary treatment as is required with reference to influent quantity and quality.

In case of stoppage of functioning of ETP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(iii) The treated effluent shall be recycled to the maximum extent and should be reused within the premises for gardening etc. Quality of the treated effluent shall meet to the following general and specific standards as prescribed under Environment (Protection) Rules, 1986 and applicable to the unit from time-to-time :-

#### Industrial Effluent Quality Standard

S.No.	Parameter	Standard
1	COD	AS PER E(P) RULES, 1986
2	BOD	AS PER E(P) RULES, 1986
3	pH	AS PER E(P) RULES, 1986
4	OIL AND GREASE	AS PER E(P) RULES, 1986
5	TOTAL SUSPENDED SOLIDS	AS PER E(P) RULES, 1986

(iv) Sewage Treatment and Disposal :- The applicant shall provide comprehensive STP as is required with reference to influent quantity and quality. In case of stoppage of functioning of STP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(v) The treated sewage shall be reused in gardening as far as possible. The STP shall be maintained continuously so as to achieve the quality of the treated sewage to the following standards.

S No.	Parameters	Standards
1	pH	AS PER E(P) RULES, 1986
2	BOD (mg/L)	AS PER E(P) RULES, 1986
3	TSS (mg/L)	AS PER E(P) RULES, 1986
4	Fecal Coliform (MPN/100ml)	AS PER E(P) RULES, 1986

#### 3. Conditions under Air (Prevention and Control of Pollution) Act -1981 as amended :-

i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.

#### Air Pollution Source Details

S No.	Air Pollution Source	Type of fuel	Stack no	Control Device	Height of Stack
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### Emission Quality Standards

S No.	Stack no	Parameters	Standards
1	Unit has obtained steam from its sister unit M/s Daurala Sugar Works (Sugar Unit)	Particulate Matter	

In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately

(ii) The unit will not use any type of restricted fuel.

iii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :-

Day time : from 6.00 a.m. to 10.00 p.m., Night time: from 10.00 p.m. to 6.00 a.m.

Standards for Noise level in db(A) Leq	Industrial Area		Commercial Area		Residential Area		Silence Zone	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
	75	70	65	55	55	45	50	40

#### 4. Essential documents to be submitted by the Industry/Unit as Applicable :-

(i) Environment Statement in Form-V of Environment (Protection) Rules, 1986.

(ii) Quarterly compliance report of the CCA, photograph of ETP/APCs/Waste Storage Area.

5. Competent Authority reserves the right to change/modify/add any time any condition of this CCA.

6. Unit has to comply with the following specific & general conditions. Non compliance of any provision of this CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 will result in legal action under the aforesaid Acts and Rules.

7. In compliance to the G.O 1011/81-7-2021-09 (Writ)/2016 dated.13.10.2021 issued by Department of Environment, Forest and Climate Change, Uttar Pradesh. You are directed to develop Miyawaki Forest as per the SOP available at URL:-<http://www.upecp.in/TrainingSession.aspx> for ensuring timely compliance of this direction, you are hereby directed to submit a bank guarantee with minimum validity of one year of the amount equivalent to the sum of initial consent fees (Air and Water) or Rs. 50,000/- (Rs. Fifty Thousand Only) whichever is more, within 30 days from the date of issuance of this certificate. In case of non-compliance of this direction, your consent will be revoked by the Board.

8. If the unit uses the ground water and requires the permission from SGWA/CGWA for water abstraction then the industry will have to obtain No objection certificate for abstraction of ground water. It will be the responsibility of the industry to comply with the various conditions of the NOC obtained from the competent authority and submit to the Board, within 3 months time failing which CTO will be revoked.

#### General Conditions:-

1. The applicant shall get analysed the samples of effluent/emission/hazardous wastes at least once in a three month from the laboratory recognized by the MoEF and shall report to the UPPCB.

2. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gases emission or sewage waste from the unit.

3. Treated Industrial waste water and domestic waste water shall be disposed jointly at one disposal point. The applicant shall provide discharge measurement equipment at final disposal point.

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4. The applicant shall strictly comply with conditions of this CCA and submit compliance report of stipulated conditions within 30 days of receipt of this CCA. If at any point of time, it is found that the industry is not complying with stipulated conditions or any further direction/instruction issued by the Board, legal action shall be initiated against the applicant.
5. The applicant shall maintain good house keeping. All valves/pipes/sewer/drains etc. must be leak-proof
6. The industry shall provide uninterrupted entry to the STP/ETP inlet and outlet points, Air Pollution Control equipment and stack for smooth sampling/monitoring of efficiency of pollution control systems.
7. The industry shall provide Inspection Book at the time of inspection to the Board's officials.
8. Whenever due to any accident or other unforeseen act or event, such emission occurs or is apprehended to occur in excess of standards laid down, such information shall be reported to the Board's offices and all other concerned offices. In case of failure of pollution control equipment, the production process connected to it shall be stopped with immediate effect.
9. The industry shall operate in a manner so that all emissions be emitted through designated chimney/stack only.
10. In case of any damage to the agriculture productivity, human habitation etc. by the operation of industry, it shall be imperative to stop production in the industry with immediate effect and such information shall be reported to Board's offices. The industry shall be liable to pay compensation also in such cases as decided by the Competent Authority.
11. The applicant shall apply before the 60 days of expiry of CCA or any change in production types/production capacity/manufacturing process/capacity enhancement etc. or any change in effluent discharge point or emission point
12. The Board reserves the right to revoke/add/modify any stipulated condition issued along with CCA, as may be necessary.

**Specific Conditions:-**

1. This CTO is valid only for the production capacity of BENZYL CHLORIDES, PHENYL ACETIC ACID, BENZYL ALCOHOL, BENZYL BENZOATE, DI BENZYL ETHER, BENZALDEHYDES, SODIUM BENZOATE, CHLORO BENZALDEHYDES, BENZYL CYANIDES, CHLORO BENZOIC ACIDS-867 MT/MONTH by using SODIUM CYANIDE, SULPHURIC ACID, SODA ASH, CAUSTIC LYE, CHLORO TOLUENES, TRI ETHYL AMINE, CHLORINE-1547 TPM as raw material.
2. The industry shall submit the permission from the State Ground Water Authority within 3 months failing which consent shall be deemed automatically cancelled.
3. Unit shall submit the compliance of the conditions of last CTO issued to unit vide Boards letter dated-07.12.2020 within one month to the Board and on Quarterly basis.
4. In case of any change in production capacity/ process/raw materials use etc. the industry will have to intimate the Board. For any enhancement of the above, fresh Consent to Establish has to be obtained from U.P. Pollution Control Board.
5. The industry shall maintain the revised emission standard of Particulate Matter as per office memorandum no-H48273/C-1/NGT-83/2020, Date-27.02.2020 for CEPI area.
6. Steam shall be supplied from its sister unit M/s Daurala Sugar Works (Sugar Unit).
7. The APCS will be maintained and operated in such a manner that emissions always conform to the standard laid down under the E.P. Act, 1986 as amended.
8. Industry shall submit stack/ambient air quality monitoring report from MOEF&CC or UPPCB within one month to the Board and on quarterly basis.
9. Industry shall submit ETP analysis report from MOEF&CC or UPPCB approved lab within a month to the Board and on quarterly basis.
10. As per the directions given by Commission for Air Quality Management in National Capital Region and Adjoining Areas vide its letter no-A-110018/01/2021-CAQM, dated-04.02.2022, industry shall under all

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- circumstances completely switch over to PNG or Bio Fuels latest by 30.09.2022. Industry should switch over to PNG Fuel as soon as PNG supply is available in the area. Unit must use Rice Husk/Biomass/Agriculture Refuse/Bio Fuel Pellets/Bio Briquettes as per direction given by CAQM.
11. Unit shall comply with direction issued under Graded Response Action Plan (GRAP) time to time by Hon'ble Supreme Court & Commission for Air Quality Management in NCR and Adjoining Areas (CAQM).
12. Operation and maintenance of APCS shall be done in such a way that the emission generated from stacks is always within prescribed norms of the Board.
13. Unit shall comply with the CAQM (Commission for Air Quality Management in NCR and Adjoining Areas) direction no. 53 and 62 and other direction issued time to time regarding use of cleaner fuel.
14. Unit shall comply with the CAQM (Commission for Air Quality Management in NCR and Adjoining Areas) direction no. 55, 62 & 68 regarding DG sets.
15. The unit shall be monitored all sources of emissions from Boiler/Thermopack etc. after fuel conversion from Regional Laboratories, UPPCB, Bulandshahr on payment basis within a month. To ensure emissions parameters as per CAQM order.
16. The industry shall comply the provisions of Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016 and shall obtain authorization for the disposal of hazardous waste.
17. This Consent to Operate (CTO) order shall automatically become invalid on issuance of Closure Order by C.P.C.B / UPPCB and further on Revoking of Closure order, the Consent order shall become valid.
18. The industry shall comply with various provisions of Air (Prevention and Control of Pollution) Act 1981 as amended, Water (Prevention and Control of Pollution) Act 1974 as amended and all other applicable rules notified under E.P. Act 1986 and the various orders issued by the MOEF&CC, CPCB and SPCB in time to time.
19. The industry shall provide adequate arrangement for fighting the accidental leakages/discharge of any air pollutant/gas/liquid from the vessel, machinery etc. which are likely to cause fire hazard including environmental pollution.
20. The industry shall install electromagnetic flow meter at water source and outlet of ETP, and maintain the records of water abstracted and recycled treated effluent. The treated effluent from the Effluent Treatment Plant shall be used completely in the manufacturing process.
21. Industry shall install at sufficient height from the ground level Open to Network HD PTZ Camera at the outlet of the discharge drain of effluent from the factory premises and its URL and password shall be provided to the UPPCB Control room.
22. Industry shall comply with various Waste Management Rules as notified by MoEF &CC i.e. Plastic Waste Management Rules, 2016, Solid Waste Management Rules, 2016, Hazardous and Other Wastes (Management and Transboundary) Rules, 2016, E-waste (Management) Rules, 2016, Construction and Demolition Waste Management Rules, 2016, Battery Rules 2000 and Noise Pollution (Regulation and Control) Rule, 2000.
23. Industry shall install and maintain Online Continuous Effluent and emission Monitoring System (OCEMS) on ETP and stack & connect it with SPCBs and CPCB server, before start of production as per the direction of CPCB.
24. Industry shall comply the order passed by Hon'ble NGT time to time.
25. The industry shall ensure provisions of Roof Top Rain Water Harvesting system and Ground Water Recharging Proposal/ compliance report should be sent to the Board within One month.
26. Industry shall dispose the hazardous waste through authorized recyclers/TSDF.
27. Industry shall not use furnace oil/pet coke as a fuel.
28. The industry should be operated in such a manner that it does not adversely affect the environment and the solid waste generated such as ash etc. be disposed in eco friendly manner.
29. The industry shall abide by orders / directions issued by Hon'ble Supreme Court Hon'ble High Court,

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Hon'ble National Green Tribunal, Central Pollution Control Board and U.P Pollution Control Board for protection and safe guard of environment from time to time.

30. The industry shall obtain prior consents in the event of any addition of new emission generation sources such as- Boiler/ Furnace/ Heaters/ D.G. Sets or alteration of existing emission sources in accordance with section- 21/22 of air Act 1981 (as amended respectively).

31. Minimum 33% of the land on which industry is established will be covered by the plantation of tall trees of suitable species as per the guidelines set up by the Board vide its Office Order no.H16405/220/2018/02 dt. 16/02/2018. The copy of this guideline is available at URL [http://www.uppcb.com/pdf/Green-Belt-Guidle\\_160218.pdf](http://www.uppcb.com/pdf/Green-Belt-Guidle_160218.pdf).

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**Chief Environmental Officer (Circle 3)**

Copy to:

Regional Officer, U.P. Pollution Control Board, Meerut to ensure the compliance of the conditions imposed in the certificate.

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**Chief Environmental Officer (Circle 3)**