



UTTAR PRADESH POLLUTION CONTROL BOARD
Building, No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com. Website: www.uppcb.com

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CONSENT ORDER

Ref No. -
141007/UPPCB/Lucknow(UPPCBRO)/CTO/water/LAKHIMPUR KHIRI/2021

Dated : 31/01/2022

To ,

Shri PRADEEP KUMAR

M/s BAJAJ HINDUSTHAN SUGAR LTD. UNIT PALIA SUGAR

Bajaj Hindusthan Sugar Ltd, Unit Sugar, Palia Kalan , Lakhimpur Kheri 262902.LAKHIMPUR

KHIRI,262902

LAKHIMPUR KHIRI

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. BAJAJ HINDUSTHAN SUGAR LTD. UNIT PALIA SUGAR**

Reference Application No :13957593

Dated :31/01/2022

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. BAJAJ HINDUSTHAN SUGAR LTD. UNIT PALIA SUGAR 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 reference to their foresaid application .
2. This consent is valid for the period from 01/01/2022 to 31/12/2023 .
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 (Prevention and Control 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

PRAMOD KUMAR AGRAWAL
Chief Environmental Officer, Circle-5, UPPCB.

Digitally signed by PRAMOD KUMAR AGRAWAL

DN: cn=PRAMOD KUMAR AGRAWAL, o=UPPCB, ou=Circle-5, email=pramod.agrawal@uppcb.com, c=IN

Enclosed : As above
(condition of consent):

Copy to: Regional Officer, UPPCB, Lucknow.

PRAMOD KUMAR AGRAWAL
Chief Environmental Officer, Circle-5, UPPCB.

Digitally signed by PRAMOD KUMAR AGRAWAL

DN: cn=PRAMOD KUMAR AGRAWAL, o=UPPCB, ou=Circle-5, email=pramod.agrawal@uppcb.com, c=IN

U.P. POLLUTION CONTROL BOARD, LUCKNOW

Annexure to Consent issued to M/s.BAJAJ HINDUSTHAN SUGAR LTD. UNIT PALIA SUGAR vide

Consent Order No. 13957593/ Water

Dated : 31/01/2022

CONDITIONS OF CONSENT

1. This consent is valid for the approved production capacity of Sugar by crushing sugar cane 12,000 TCD and 30.5 Megawatt Co-generation Power Plant .
2. This consent is valid only for products and quantity mentioned above. Industry shall obtain prior approval before making any modification in product/ process /fuel/ plant machinery failing which consent would be deemed void.
3. 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	Domestic	60.0 KLD	STP
2	Industrial	1200.0 KLD	ETP

4. 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 the treatment plant so that it should be in conformity with the norms of treated effluent as stipulated in E.P. Rules 1986 as amended.

Domestic Effluent		
S.No	Parameter	Standard
1	BOD	30 mg/l
2	COD	250 mg/l
3	Total Suspended Solids	100 mg/l
4	Oil & Grease	10 mg/l

- 4(b) The industrial effluent should be treated in treatment plant so that the treated effluent should be in conformity with the standard lay down under the notification issued by MOEF&CC vide its GO no GSR 35 (E) dated 14/01/2016.

Industrial Effluent		
S.No	Parameter	Standard
1	Total Suspended Solids	30 mg/l
2	BOD	30 mg/l
3	COD	250 mg/l
4	Oil & Grease	10 mg/l

- 4(c) Loading Rates for different soil textures.

S.No	Soil Texture	Loading rate in m3/Ha/Day
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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) Rules, 1986 or otherwise mandatory.

- (Protection) Act, 1986.
7. The industry shall establish the cooling arrangement and polishing tank for recycling the excess condensate water to process or utilities or allied units.
 8. Effluent Treatment Plant to be stabilized one month prior to the start of the crushing season and continue to operate one month after the crushing season.
 9. During no demand period for irrigation, the treated effluent to be stored in a seepage proof lined pond having 15 days holding capacity only.
 10. The industry shall implement treated effluent flow distribution measurement for irrigation purposes completely in accordance with irrigation plan.
 11. The impact of treated effluent application on land is to be included further in E.I.A. studies, involving ground water monitoring point identified in close proximity to the unit.
 12. The industry will have to ensure compliance of the permission from the CGWA before ground water extraction and it will be the responsibility of the industry to comply with the various conditions of the permission taken.
 13. The industry shall submit Environmental Statement in prescribed form V rule no.14 of E.P Rules 1986.
 14. 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.
 15. Minimum 33% of the land on which unit is established will be covered and properly maintained by the plantation of tall trees of suitable species as per the guidelines set up by the Board vide its Office Order no.H-16405/220/2018/02 dt. 16/02/2018. The copy of this guideline is available at URL http://www.uppcb.com/pdf/Green-Belt-Guide_160218.pdf.
 16. The industry will ensure the continuous and uninterrupted data supply from the OCEEMS to the CPCB and SPCB .
 17. Flow meter to be installed in all water abstraction points and usage of fresh water to be minimized. The unit will ensure facility to transmit data to CPCB server and submit a regular calibration certificate of Electro Magnetic Flow meter to the Board.
 18. If closure order is issued by CPCB or UPPCB against the unit, then CTO issued earlier will remain suspended during the closure period and after ensuring the compliance and after revocation of closure order, the CTO will automatically be effective with additional conditions mentioned in the closure revocation order.
 9. Industry shall abide by the directions given by Hon'ble Court, Central Pollution Control Board and UPPCB for protection and safe guard of environment from time to time.
- The Unit will file the renewal application at least 2 months prior to the expiry of this Order.

Specific Conditions:

1. This consent is valid for the production of Sugar by crushing sugar cane- 12,000 TCD and 30.5 Megawatt Co-generation Power.

2. This consent is valid for the current products and capacity. In Case of any change in process, capacity enhancement etc. No Objection Certificate shall be obtained from the Board.

3. Operation of ETP shall be started at least one month before starting of cane crushing to achieve desired MLSS, so as to meet the prescribed standards from day one of the operation of mill. The industry shall treat industrial effluent through ETP in such manner, so that quality of treated effluent meets the prescribed standards.

4. The industry shall ensure continuous operation of ETP in non crushing season of sugar unit, as well.

5. The industry shall maintain and operate the ETP (adequate capacity) properly and the treated effluent shall be recycled and used for irrigation and shall ensure that no treated effluent is discharged in any surface water body.

6. The industry shall ensure to operate and maintain the online Continuous Effluent Monitoring System regularly.

7. Industry shall maintain flow meter at the Final Outlet of ETP and maintain a logbook to record its readings. Industry shall install separate energy meter to record the consumption of power required for operation of ETP. Install water Meter at each point of reused treated effluent discharge point and ensure to timely send meter readings to the department on monthly basis.

8. The industry shall ensure to maintain and operate the PTZ webcam on the aeration tanks and at the final outlet of ETP and STP.

9. The industry shall maintain the installed STP (capacity of 60 KLD) in such a manner so that it can achieve the standards specified in the notification issued by Ministry of Environment and Forest and Climate change vide GSR 1265 (E) dated 13-10-2017 in the time period as specified in the notification.

10. During no demand period for irrigation, the treated effluent shall be stored in a seepage proof lined pond having 15 days holding capacity and should be red marked at free Board.

11. The industry shall follow the directions issued by the Ministry of Environment Forest and Climate Change, Delhi vide Notification no. GSR 35(E) dated 14/01/2016.

12. The industry shall be submit irrigation protocol within one month.

13. The industry shall comply to the conditions mentioned in the NOC issued by UP Ground Water Department dated 22.06.2021.

14. The Order issued by Hon'ble Courts/Hon'ble NGT, MoEF, Central Pollution Control Board and U.P. Pollution Control Board, shall be complied with.

15. Generated hazardous waste shall be stored temporarily in the factory premises and disposed off through authorized TSDF after obtaining the authorization from the Board.

16. Industry shall submit the latest copy of Audited Balance Sheet/C.A. Certificate (Fixed Assets+ Current Assets - Current Liabilities) so that the Consent fee payable by the industry may be verified.

17. Install Electromagnetic Pizo Meter at each point of water supply source and at effluent discharge point and ensure to submit timely meter reading to department on monthly basis.

18. The industry shall comply with the provisions of Environment (Protection) Act 1986, Water (Prevention and Control of Pollution) Act, 1974 as amended, Air (Prevention and Control of Pollution) Act, 1981 as amended, Plastic Waste Management Rules 2016, E- Waste (Management) Rules 2016, Solid Waste Management Rules 2016 & Hazardous and other Waste (Management and Transboundary Movement) Rules 2016 (Whichever is applicable).

19. Industry shall develop green belt as per the Protocol attached with Board's office order H 16405 /220 2018/02 dated 16-2-2018, which is available on Board's website- www.uppcb.com.

20. Conditions for Molasses Storage:

- i. The molasses shall be properly collected and stored in steel tank which shall be leak proof. At no stage of handling of molasses, there shall be leakage or spillage.
- ii. The capacity of tank for storage of molasses shall be such that it will take care of bumper production of sugar, non-lifting of molasses etc.
- iii. All the area on which molasses are stored and handled should be provided with drain for diverting the spills to the treatment plant/molasses tank. Suitable arrangements for accidental discharges of molasses from the tank shall be provided to contain the same within factory premises.
- iv. Destruction of molasses and its disposal shall not be done without specific permission in writing from the authorized officer of the Board. Intimation of intention to destroy or dispose of the molasses shall be given to the Board at least 15 days in advance by registered post under intimation to the Board.
- v. The storage tanks shall be kept in good conditions all the year around with adequate maintenance. The tanks size and capacity per cm, height, total capacity in tones shall be displayed prominently near/on the tank.

21. Operation of ETP shall be started at least one month before starting of cane crushing to achieve desired MLSS and meet prescribed standards from day one of the operation of the mill.

22. Industry shall maintain flow meter at the Final Outlet of ETP and maintain a logbook to record its readings.

23. Industry shall install separate energy meter to record the consumption of power required for operation of ETP and STP.

24. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.

25. The industry shall ensure that polluted water is not discharged into any nearby water surface body so that the quality of any river/drain water is not adversely affected ultimately.

26. Industry shall keep minimum number of fresh water taps in the sugar mill to reduce loss of water.

27. All pipe lines and vessels should be properly insulated to reduce steam consumption and water loss.

28. If closure order is issued by CPCB or UPPCB against the unit, then this CTO issued will remain suspended during the closure period and after ensuring the compliance and after revocation of closure order, the CTO will automatically be effective from the date of issuance of closure order revocation, with additional conditions mentioned in the closure revocation order.

Issued with prior approval of the competent authority.

ued with the permission of competent authority .

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

PRAMOD KUMAR AGRAWAL
Digitally signed by PRAMOD KUMAR
AGRAWAL
Date: 2022.01.31 13:50:14 +05'30'

Chief Environmental Officer, Circle-5, UPPCB.



CONSENT ORDER

Ref No. -
141005/UPPCB/Lucknow(UPPCBRO)/CTO/air/LAKHIMPUR
KHIRI/2021

Dated : 31/01/2022

To ,

Shri PRADEEP KUMAR
M/s BAJAJ HINDUSTHAN SUGAR LTD. UNIT PALIA SUGAR
Bajaj Hindusthan Sugar Ltd, Unit Sugar, Palia Kalan , Lakhimpur Kheri 262902, LAKHIMPUR
KHIRI, 262902
LAKHIMPUR KHIRI

Sub : Consent under section 21/22 of the Air (Prevention and control of Pollution) Act, 1981 (as amended)
to M/s. BAJAJ HINDUSTHAN SUGAR LTD. UNIT PALIA SUGAR

Reference Application No. 13957400

Dated : 31/01/2022

1. With reference to the application for consent for emission of air pollutants from the plant of M/s BAJAJ HINDUSTHAN SUGAR LTD. UNIT PALIA SUGAR. 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 01/01/2022 to 31/12/2023 .
 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 21 (6) of the Air (Prevention and Control 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

PRAMOD KUMAR AGRAWAL
Chief Environmental Officer, Circle-5, UPPCB.

Digitally signed by PRAMOD KUMAR AGRAWAL
Date: 2022.01.31 13:46:35 +05'30'

Enclosed : As above
(condition of consent):

Copy to: Regional Officer, UPPCB, Lucknow.

PRAMOD KUMAR AGRAWAL
Chief Environmental Officer, Circle-5, UPPCB.

Digitally signed by PRAMOD KUMAR AGRAWAL
Date: 2022.01.31 13:46:35 +05'30'

CONDITIONS OF CONSENT

1. This consent is valid for the approved production capacity of cane crushing Sugar by crushing sugar cane 12,000 TCD and 30.5 Megawatt Co-generation Power Plant.
2. This consent is valid only for products and quantity mentioned above. Industry shall obtain prior approval before making any modification in product/ process /fuel/ plant machinery failing which consent would be deemed void.
- 3(a) The maximum rate of emission of flue gas should not be more than the emission norms for the stacks.
- 3(b). Air Pollution Source Details.

Air Pollution Source Details					
S.No	Air Pollution Source	Type of Fuel	Stack No.	Parameters	Height
1	01 nos. Boiler (capacity of 80.0 TPH)	Bagasse	1	Particulate Matter	56 meter from GL
2	02 nos. Boiler (capacities of 70.0 TPH common stack)	Bagasse	2	Particulate Matter	53 meter from GL
3	02 nos. Boiler (capacities of 50.0 TPH and 25 TPH common stack)	Bagasse	3	Particulate Matter	50 meter from GL

- 3(c). 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/Nm ³
2	2	Particulate Matter	150 mg/Nm ³
3	3	Particulate Matter	150 mg/Nm ³

4. 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. is disposed in eco friendly manner .
5. Any source of emission other than that mentioned in the Air consent seeking application will not be permitted by the Board .
6. The industry should ensure the operation of the air pollution control system (APCS) in such a manner that the air emission confirms with the standards prescribed under the E.P Act 1986 as amended.
7. The industry shall submit Environmental Statement in prescribed format as per rule no.14 as per E.P Rules 1986 .
8. The industry shall abide by orders / directions issued by Hon'ble Supreme court Hon'ble High Court, 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 .
- Industry shall submit monthly monitoring reports of all stacks and ambient air quality from a certified / approved laboratory under E.P. Act 1986 .
- 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.

14. The industry will ensure the continuous and uninterrupted data supply from the OCEEMS to the CPCB and SPCB .
15. The unit shall submit audited balance sheet for the current year and the details of fees deposited during last three years within a month failing which consent would be deemed void.
- The use of Pet coke and Furnace oil as a fuel in the factory is restricted in compliance of the Hon'ble Supreme court order .
- The Industry will use minimum 20% Bio Briquette as fuel in the Boiler depending upon its availability .
16. 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).
17. Minimum 33% of the land on which industry is established will be covered and properly maintained by the plantation of tall trees of suitable species as per the guidelines set up by the Board vide its Office Order no.H-16405/220/2018/02 dt. 16/02/2018. The copy of this guideline is available at URL http://www.uppcb.com/pdf/Green-Belt-Guide_160218.pdf .
18. If closure order is issued by CPCB or UPPCB against the unit, then CTO issued earlier will remain suspended during the closure period and after ensuring the compliance and after revocation of closure order, the CTO will automatically be effective with additional conditions mentioned in the closure revocation order .
18. Industry shall abide by the directions given by Hon'ble Court, Central Pollution Control Board and UPPCB for protection and safe guard of environment from time to time .

The Unit will file the renewal application at least 2 months prior to the expiry of this Order.

Specific Conditions:

This consent is valid for the production of Sugar by crushing Sugar cane- 12,000 TCD and 30.5 megawatt Co-generation Power.

2. The analysis report of flue gas emission and ambient air quality shall be submitted on quarterly basis.
3. The industry shall ensure the proper operation and maintenance of the air pollution control systems (ESP and wet scrubber) in such a manner that the air emissions confirm to the standards prescribed under the E(P) Act, 1986, as amended.
4. The industry shall ensure to comply to the provisions of Charter for Sugar industries and it shall abide by directions given by Hon'ble Supreme Court, High Court, National Green Tribunals, Central Pollution Control Board and Uttar Pradesh Pollution Control Board for protection and safeguard of environment from time to time.
5. Industry shall operate and maintain installed APCS (ESP, wet scrubber and Multi Cyclone Dust Collector attached with the Boilers of capacity 80 TPH, 70X2 TPH, 50 TPH and 25 TPH) effectively and Stack monitoring report shall be submitted on quarterly basis.
6. Industry shall submit the latest copy of Audited Balance Sheet/C.A. Certificate (Fixed Assets + Current Assets - Current Liabilities) so that the Consent fee payable by the industry may be verified.
7. The operation of industry shall be in such a manner that there is no adverse impact on the environment and public in surrounding.
8. Industry shall develop green belt as per the protocol attached with the board's office order no. H16405/220/2018/02 dated 16-02-2018 which is available on board's website.
9. Effective operation & maintenance of all installed air pollution control equipments shall be done so that emission meets the norms/standards of CPCB and Industry shall be operated in such a manner that ambient air quality should not be adversely affected.
10. Fly Ash content shall be used for low lying industry own land filling in a scientific manner that ambient air quality near by the industry should not be adversely affected.
11. The industry shall follow the directions issued by the Ministry of Environment Forest and Climate Change, Delhi vide Notification no. GSR 35(E) dated 14/01/2016.
12. The industry shall be operated in such a manner that it does not adversely affect the environment and the solid waste generated such as ash etc. is disposed in Eco friendly manner.
13. Arrangements for collection, segregation, storage, handling and disposal of solid Waste including garbage shall be provided and maintained properly.
14. Any source of emission other than that mentioned in the Air consent seeking application will not be permitted by the Board. The unit 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).
15. The industry shall ensure to submit within 01 month a proposal, along with relevant land ownership documents, for safe disposal of Boiler ash.
16. Solid waste generated from the unit will not be allowed for open burning in the premises or around the unit's area as it is mandatory by the order of NGT.
17. The industry shall comply with the provisions of Environment (Protection) Act 1986, Water (Prevention and Control of Pollution) Act, 1974 as amended, Air (Prevention and Control of Pollution) Act, 1981 as amended, Plastic Waste Management Rules 2016, E- Waste (Management) Rules 2016, Solid Waste Management Rules 2016 & Hazardous and other Waste (Management and Transboundary Movement) Rules 2016 (Whichever is applicable).
18. If closure order is issued by CPCB or UPPCB against the unit, then this CTO issued will remain suspended during the closure period and after ensuring the compliance and after revocation of

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closure order, the CTO will automatically be effective from the date of revocation, with additional conditions mentioned in the closure revocation order.
Issued with prior approval of the competent authority.

Issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board
PRAMOD KUMAR AGRAWAL
Chief Environmental Officer, Circle-5, UPPCB.

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