UTTAR PRADESH POLLUTION CONTROL BOARD

Validity Period :25/02/2020 To 24/02/2025

Ref No. - 60477/UPPCB/Banda(UPPCBRO)/CTE/BANDA/2019 Dated:- 27/02/2020

To ,

Shri MANOJ KUMAR SHIVHARE
M/s BAMDEV SMART SOLUTIONS PRIVATE LIMITED
GATA NO.474 MAUJA MOHANPURWA JIGNODA ROAD , BANDA,BANDA,210001
BANDA

Sub : Consent to Establish for New Unit/Expansion/Diversification under the provisions of Water (Prevention and control of pollution) Act, 1974 as amended and Air (Prevention and control of Polution) Act, 1981 as amended.

Please refer to your Application Form No.- 5482215 dated - 24/06/2019. After examining the application with respect to pollution angle, Consent to Establish (CTE) is granted subject to the compliance of following conditions :

1. Consent to Establish is being issued for following specific details :

A- Site along with geo-coordinates :

B- Main Raw Material :

Main Raw Material Details		
Name of Raw Material	**Raw Material Unit Name**	**Raw Material Quantity**
biomedical waste	Kg/Hour	182.5

C- Product with capacity :

Product Detail	
Name of Product	**Product Quantity**
Disposed BMW by Incinerator (Cap Kg/hr)	250
Disposed BMW by Autoclave & Shredder (Cap Kg/hr)	250

D- By-Product if any with capacity :

By Product Detail			
Name of By Product	**Unit Name**	**Licence Product Capacity**	**Install Product Capacity**

2. Water Requirement (in KLD) and its Source :

Source of Water Details		
Source Type	**Name of Source**	**Quantity (KL/D)**
Ground Water (outside premises)	Borewell	4.0

3. Quantity of effluent (ln KLD) :

Effluent Details	
Source Consumption	**Quantity (KL/D)**
Domestic	1.0
Process	1.0
Others(Washing)	2.0

4. Fuel used in the equipment/machinery Name and Quantity (per day) :

Fuel Consumption Details		
Fuel	**Consumption(tpd/kld)**	**Use**
Diesel	0.065	Per hour in the incinerator

5 For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

2. You are directed to furnish the progress of Establishment of plant and machinery, green belt, Effluent Treatment Plant and Air pollution control devices, by 10th day of completion of subsequent quarter in the Board.
3. Copy of the work order/purchase order, regarding instruction and supply of proposed Effluent Treatment Plant/Sewerage Treatment Plant /Air Pollution control System shall be submitted by the industry till 24/02/2025 to the Board.
4. Industry will not start its operation, unless CTO is obtained under water (Prevention and control of Pollution) Act, I974 and Air (Prevention and control of Pollution)Act, 1981 from the Board.
5. It is mandatory to submit Air and Water consent Application,complete in all respect, four months before start of operation, to the U.P. Pollution Control Board.
6. Legal action under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act,1981 may be initiated against the industry With out any prior information,in case of non compliance of above conditions.

Specific Conditions:

1. This CTE of M/s Bamdev Smart Solutions Pvt. Ltd is valid for establishment of Common Bio Medical Waste Treatment Facility (CBWTF) at Gata No. 474, Mauja Mohanpurwa, Jignoda Road, District-Banda.
2. This CTE is valid for common facility for Bio medical waste treatment through double chambered 02 Nos. incinerators of capacity 250 Kg/hr (01 Standby), 02 Autoclaves of capacity 250 Kg/hr (01 Standby) and 02 Shredders of capacity-250 kg/hr (01 Standby), as proposed.
3. CBWTF shall comply with the conditions of Environmental Clearance issued by SEIAA vide letter no. 587/Parya/SEAC/4647-5318/2018 dated 08-02-2020.
4. CBWTF shall install necessary APCS like venturi scrubber, 30 meter high stack for controlling the emissions from incinerators.
5. CBWTF shall strictly comply with the CPCB guidelines for setting up the Common Bio Medical Waste Treatment Facility.
6. CBWTF shall install ETP of capacity-5.0 KLD for treatment of industrial effluent and domestic effluent shall be treated through septic tank/soak pit.
7. CBWTF shall provide the arrangement for storage of incinerator ash as per CPCB guidelines and shall obtain membership of Common TSDF for disposal of incineration ash.
8. CBWTF shall comply with the emission Standard for treatment and disposal of Biomedical waste by incineration as per Schedule-II of BMW Rules 2016.
9. Transportation and handling of Bio-medical Wastes shall be as per the Biomedical Waste (Management and Handling) Rules, 2016.
10. CBWTF shall ensure the collection and transportation of Bio medical waste through 04 No. GPS fitted vehicles, as proposed.
11. Record w.r.t. operational parameter of autoclave such as temperature pressure etc. as well as records for validation test conducted to check efficiency of autoclave shall be maintained.
12. Incinerator shall be operated in accordance with Bio-Medical Waste Management Rules, 2016 w.r.t. maintenance of Temperature for primary and secondary chamber of incinerator.
13. Incinerator Ash shall be disposed through TSDF and Log books/records shall be maintained properly for generation and disposal of incinerator Ash.
14. The water generated from scrubbing system of incinerator shall be treated through ETP and treated water shall be recycled for scrubbing purpose and for irrigation in the premises. No effluent shall be discharged directly or indirectly outside the premises.
15. Discarded medicine shall be disposed in incinerator as per BMW Rule, 2016 and sharp pit shall be provided for disposal of waste sharp as per CPCB Guidelines.
16. The CBWTF shall comply with the Bio Medical Waste Management Rules 2016 and annual report shall be submitted.
17. The CBWTF shall comply with the provisions of Hazardous and Other waste (Management and Trans boundary Movement) Rules, 2016.
18. The facility shall ensure bar coding system to be adopted by member of healthcare facility in accordance with Bio Medical Waste Management Rules 2016.
19. The CBWTF shall obtain the CGWA permission for withdrawal of ground water and also comply with the CGWA guidelines for recharging of ground water.
20. The Facility shall develop and maintain green belt as per the guidelines issued by the Board vide office order dated 16/02/2018, which is available on Board's Website- www.uppcb.com.
21. Separate space for untreated Bio Medical Waste shall be provided by facility as per CPCB guidelines/Bio Medical Waste Management Rules 2016.
22. Comprehensive safety measures must be followed in handling of wastes and the staff must be properly trained.
23. CBWTF shall install Online Continuous Emission Monitoring System with data connectivity to CPCB server before commissioning of the plant.
24. Onsite emergency plan approved by the competent authority shall be submitted to board.
25. Project shall install at least 0.2KVA mt from roof level along with acoustic enclosures on DG set of capacity 82 KVA for use of backup power.
26. The dust emission from the construction sites will be completely controlled and all precautions will be taken as per the provisions of Construction & Demolition Waste Management Rules 2016.
27. CBWTF shall comply 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. CBWTF shall operate the plant after taking CTO under the provisions of Water Act 1974 and Air Act 1981 from the Board.
28. Project shall comply with the provisions of SWM Rules 2016 and provide facility for safe disposal of generated solid waste in housing project area.
29. To ensure the compliance of CTE conditions, Bank Guarantee of Rupees 1,00,000/- in the prescribed format shall be submitted to the Board within 15 days, otherwise this CTE will be automatically revoked.

30. CBWTF shall comply with the relevant provisions of Environmental Laws.

Please note that consent to Establish will be revoked, in case of, non compliance ot any of the above mentioned conditions. Board reserves its right for amendment or cancellation of any of the conditions specified above. Industry is directed to submit its first compliance report regarding above mentioned specific and general conditions till 27/03/2020 in this office. Ensure to submit the regular compliance report otherwise this Consent to Establish will be revoked.

Pramod Kumar Agarwal
Digitally signed by Pramod Kumar Agarwal
Date: 2020.02.27 13:10:51 +05'30'

Chief Environmental Officer (circle-2)

Dated:- 27/02/2020

Copy To -

Regional Officer, UPPCB, Jhansi with direction to send the compliance report of CTE conditions on quarterly basis.

Pramod Kumar Agarwal
Digitally signed by Pramod Kumar Agarwal
Date: 2020.02.27 13:11:06 +05'30'

Chief Environmental Officer (circle-2)