



Head Office (BMW)
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302
Phone: 141-51596884 Fax: 0141-5159697



Registered

File No : F(BMW)/Dungarpur(Dungarpur)/6793(1)/2020-2021/4808-4810

Order No: 2020-2021/BMW/6099

Dispatch Date: 28/01/2021

Unit Id : 105095

M/s Common Bio-Medical Waste Treatment Facility by E-Tech Projects

10 Pokar Quarter, Jail Well, Bikaner , Bikaner

Sub: **Consent to Establish** under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21(4) of Air (Prevention & Control of Pollution) Act, 1981.

Ref: Your application(s) for Consent to Establish dated 31/07/2020 and subsequent correspondence.

Sir,

Consent to Establish under the provisions of section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 (hereinafter to be referred as the Water Act) and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981, (hereinafter to be referred as the Air Act) as amended to date and rules & the orders issued thereunder, **is hereby granted** for your **Common Bio-Medical Treatment Facility Dungarpur by E-Tech Projects plant** situated / proposed at **Khasra no 213, Village Bhandoriya Ghata Dungarpur Rajasthan Bhandoriya Ghata Tehsil:Dungarpur District:Dungarpur**, Rajasthan under the provisions of the said Act(s). This consent is granted on the basis of examination of the information furnished by you in consent application(s) and the documents submitted therewith, subject to the following conditions:-

- 1 That this Consent to Establish is valid for a period from **31/07/2020 to 30/06/2025 or date of Commencement of production / commissioning of the project or activities whichever is earlier**.
- 2 That this Consent is granted for manufacturing / producing following products / by products or carrying out the following activities or operation/processes or providing following services with capacities given below.

Signature valid

Digitally signed by Vishnu Datt Purohit
Date: 2021.01.28 15:18:03 IST
Reason: Self Attested
Location:





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Particular	Type	Quantity / Capacity
Ash pit	Service	1.00 NO.
Treatment & Disposal of BMW Waste (AUTO CLAVE)	Service	500.00 LTR PER BATCH
ETP	Service	10.00 KLD
INCINERATOR	Service	150.00 KG/HOUR
Sharp pit	Service	1.00 NO.
SHREDDER	Service	100.00 KG/HOUR
TREATMENT & DISPOSAL OF BMW WASTE	Service	950.00 KG/DAY

- 3 That in case of any increase in capacity or addition / modification / alteration or change in product mix or process or raw material or fuel the project proponent is required to obtain fresh consent to establish.
- 4 That the control equipment as proposed by the applicant shall be installed before trial operation is started for which prior consent to operate under the provision of the **Water Act and Air Act** shall be obtained. This consent to establish shall not be treated as consent to operate.
- 5 That the quantity of effluent generation and disposal along with mode of disposal for the treated effluent shall be as under:

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Type of effluent	Max. effluent generation (KLD)	Quantity of effluent to be recycled (KLD)	Quantity of treated effluent to be disposed (KLD) and mode of disposal
Domestic Sewage	0.800	NIL	0.800 Septic Tank and Soakpit
Trade Effluent	3.200	3.000	0.200 Sludge & Evaporation Loss

6 That the sources of air emissions along with pollution control measures and the emission standards for the prescribed parameters shall be as under:

Sources of Air Emissions	Pollution Control Measures	Prescribed	
		Parameter	Standard
D.G. SETS (2 nos)(40KVA EACH)	ACOUSTIC ENCLOSURE, ADEQUATE STACK HEIGHT	--	--
Incinerator(150KG/HR.)	ADEQUATE STACK HEIGHT, VENTURY SCRUBBER	HCL NOx(NO and NO2 expressed as NO2) Total dioxins and furans Particulate Matter Hg and its compounds	50 mg/Nm3 400 mg/Nm3 0.1 ngTEQ/Nm3 at 11 percent O2 50 mg/Nm3 0.05 mg/Nm3

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- 7 That the domestic sewage shall be treated before disposal so as to conform to the standards prescribed by the Board as notified under the Environment (Protection) Act-1986 for disposal **Into Inland Surface Water**. The main parameters for regular monitoring shall be as under.

Parameters	Standards
Total Suspended Solids	Not to exceed 100 mg/l
Oil and Grease	Not to exceed 10 mg/l
Biochemical Oxygen Demand (3 days at 27°C)	Not to exceed 30 mg/l
Bio-assay Test	Minimum 90% survival after 96 hours with fish at 100% effluent
pH Value	Between 6.5 to 9.0
Chemical Oxygen Demand	Not to exceed 250 mg/l

- 8 That the project proponent shall comply with the provisions of Bio-medical Waste Management Rules, 2016 and guidelines issued by the Central Pollution Control Board (CPCB) from time to time.
- 9 That the project proponent shall comply with the guidelines for Handling, Treatment and Disposal of Waste Generated during Treatment/ Diagnosis/ Quarantine of COVID-19 Patients, issued by CPCB from time to time.
- 10 That all the conditions imposed vide Environmental clearance letter dated 10.01.2020 shall be complied with by the facility.
- 11 That this consent to establish is valid for Incinerator (1 no.- 150 kg/hour), Autoclave (1 no. - 500 liter/Batch), Shredder (1 no. - 100 kg/hour), ETP (10 KLD), Ash pit (1 no.), Sharp pit/ Encapsulation (1 no.) and DG set (2 no. - 40 KVA each).
- 12 That Project Proponent shall obtain consent to operate under the Water Act 1974 and the Air Act 1981 and Authorization under Bio-Medical Waste (Management and Handling) Rules 2016 from the State Board prior to commissioning of the facility.
- 13 That Online Continuous Emission Monitoring System (OCEMS) shall be installed by the facility as per CPCB guidelines with connectivity from RSPCB as well as CPCB.
- 14 That adequate measures shall be taken to prevent odour problem from the facility

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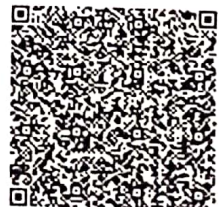
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- 15 That GPS system shall be provided with vehicles engaged for transportation of Bio-Medical Waste (BMW) from HCFs to the facility.
- 16 That bar coding system shall be implemented for tracking of BMW from its generation to treatment and disposal.
- 17 That Two D.G. Sets of 40 KVA each shall be provided with stack of adequate height as well as acoustic enclosures.
- 18 That the project proponent shall comply with the operating standards of incinerators specified under Bio-medical Waste Management Rules, 2016.
- 19 That adequate air pollution control measures shall be provided with incinerator along with a stack of minimum 30 meters height from ground level so as to meet the prescribed standards as mentioned at S. No. 6.
- 20 That incinerator of specifications in accordance with CPCB guidelines amended from time to time shall be installed.
- 21 That no ground water shall be drawn without prior permission of CGWA.
- 22 That the water flow meters shall be provided and maintained at all suitable points to measure quantity of daily water received, water consumption, waste water generation, waste water treated and treated waste water recycled and utilized for plantation/gardening purposes. Daily record of the same shall be maintained and submitted to the Board.
- 23 That ETP shall be installed prior to commissioning of the facility.
- 24 That ETP treated water shall be utilized for gainful purposes within the premises & zero discharge status shall be maintained from the premises.
- 25 That ETP sludge shall be stored and disposed in accordance with Hazardous Waste Rules.
- 26 That adequately designed Rain Water Harvesting structure shall be provided for prevention and recharge of ground water in and around the area.
- 27 That daily record of BMW received, treated and disposed shall be maintained and submitted to the Board from time to time.
- 28 That Project Proponent shall obtain Environmental Clearance from competent authority under EIA Notification dated 14.9.2006 for any such activity which attracts Environmental Clearance under EIA Notification dated 14.9.2006.
- 29 That used CFLs/FLs should be properly collected and disposed off/sent for recycling as per the prevailing rules/guidelines issued by the regulatory authority. Use of solar panels also may be done to the extent possible.
- 30 That this consent to establish shall be subject to compliance of directions or order passed by National Green Tribunal (NGT)/ court of law in the matter, if any.

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- 31 That any incorrect information submitted in the consent application form or declaration shall make the Hospital liable for legal action under section 42 of the Water Act and section 38 of the Air Act.
- 32 That, notwithstanding anything provided hereinabove, the State Board shall have power and reserves its right, as contained under section 27(2) of the Water Act and under section 21(6) of the Air Act to review anyone or all the conditions imposed here in above and to make such variation as it deemed fit for the purpose of compliance of the Water Act and Air Act.
- 33 That the grant of this **Consent to Establish** is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry/ unit/ project proponent.
- 34 That the grant of this **Consent to Establish** shall not, in any way, adversely affect or jeopardize the legal proceedings, if any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder.

This **Consent to Establish** shall also be subject, beside the aforesaid specific conditions, to the general conditions given in the enclosed Annexure. The project proponent will comply with the provisions of the **Water Act and Air Act** and to such other conditions as may, from time to time, be specified by the State Board under the provisions of the aforesaid Act(s). Please note that, non compliance of any of the above stated conditions would tantamount to revocation of **Consent to Establish** and project proponent / occupier shall be liable for legal action under the the relevant provisions of the said Act(s).

This bears the approval of the competent authority.

Yours Sincerely


Group Incharge[BMW]

o/c

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(A): Copy To:-

- 1 Master file BMW cell, RPCB, Jaipur.
- 2 Regional Officer, Regional Office, Rajasthan State Pollution Control Board, Udaipur to monitor compliance


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O/c @

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