

WEST BENGAL POLLUTION CONTROL BOARD

'Paribesh Bhawan'

Bldg. No. - 10A, Block - LA, Sector-III

Salt Lake City, Kolkata-700 098

[Renewal]



Consent Letter Number : C.01288.13

Memo Number : 20-2S/CON (BM)-1910/2005

Date : 20.07.2022

Consent to Operate

under

Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 and
Section 21 of the Air (Prevention and Control of Pollution) Act, 1981

The West Bengal Pollution Control Board (hereinafter referred to as State Board) under the provisions of Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974, as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended and Rules and Orders made thereunder, hereby grants its consent to :

Medicare Environmental Management Pvt. Ltd.

(Address of Regd. office/Head/Office/City Office)

(hereinafter referred to as Applicant) for its unit located at Kalyani Industrial Growth

Centre, K-26, Phase III, P.O & P.S - Kalyani, Dist - Nadia,
PIN - 741235

(Detailed address of the manufacturing unit)

for a period from date of issue to 31/05/2027

to operate the industrial unit and to discharge liquid effluent and to emit gaseous effluent from the premises/land of the industrial unit, in accordance with the conditions as mentioned in the Annexure to this consent letter provided on any day at any instance the quantity and quality of liquid discharge and gaseous emission shall not exceed the permissible limit as specified in the Table I & II of this consent letter and in the Environmental (Protection) Act, 1986.

Breach of the conditions and / or failure to comply with the directions as set out in the Annexure shall render the applicant liable for prosecution under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.

The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alter the conditions of this consent letter giving one month's notice to the applicant.

Seal

For and on behalf of the State Board

(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

Senior Environmental Engineer
Bio-medical W.M. cell

ANNEXURE

Consent to Medicare Environmental Management Pvt. Ltd.
 for its unit at Kalyani Industrial Growth Centre, K-26, Phase-III,
P.O & P.S - Kalyani, Dist-Nadia, PIN-741235

Conditions :

01. This Consent is valid for the manufacture of Common Bio-medical Waste Treatment Facility

Sl. No.	Name of major products and by-products	Treatment capacity Quantity manufactured per month
01	Common Bio-medical Waste Treatment Facility	Incinerator - 250 Kg/hr. Autoclave - 630 lit/batch
02		Shredder - 60 Kg/hr.
03		
04		
05		
06		
07		
08		
09		
10		
11		
12		

02. The Applicant shall remain responsible for quantity and quality of liquid effluent and air emissions.

03. Daily discharge of industrial liquid effluent shall not exceed Nil KL
 (Reuse after treatment)

04. Daily discharge of domestic liquid effluent shall not exceed 1.60 KL.

05. Daily discharge of mixed (industrial & domestic) liquid effluent shall not exceed Nil KL.

06. The Applicant shall discharge liquid effluent to municipal drain (place of discharge)
 through One nos. outlets / outfalls.

07. To bring into any altered or new outlet/outfall or to change the place of discharge, the Applicant shall have to inform the Board and obtain prior permission of the Board in this effect.

08. The Applicant shall provide comprehensive facility for treatment of industrial liquid waste and domestic liquid waste (sewage, sullage and liquid effluent generated from canteen), and operate and maintain the same continuously so that the quality of final effluent conforms to the Standard as given in Table-I in page 03.

M. Mondal 20.07.2022
 Senior Environmental Engineer
 Bio-medical W.M. cell
 (Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

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Consent to Medicare Environmental Management Pvt. Ltd.
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11. The Applicant shall install suitable device for measuring the volume of water consumed for different purposes as mentioned above giving correct result to the satisfaction of the State Board.
12. All the stacks connected to various sources of emissions must be designated by numbers such as S-1, S-2, S-3, etc., and this must be painted/displayed to facilitate identification.
13. The Applicant shall install comprehensive control system consisting of pollution control equipment as is warranted with reference to generation of air emissions and operate and maintain the same continuously so as to achieve the level of pollutants of the Standard as given in Table-II below :

Table-II

Stack No.	Stack height from G.I., (in mts.)	Stack attached to (sources and control system, if any):	Volume Nm ³ /hr.	Velocity of gas emission m/sec	Concentrations of parameters not to exceed (Corrected to 11% O ₂ on dry basis)					Frequency of emission sample
					SPM (mg/Nm ³)	NO _x (mg/Nm ³)	HCL (mg/Nm ³)	H ₂ and H ₂ S (mg/Nm ³)	Total Dioxins and Furans	
S-1	30m	1X HSD fixed Incinerator of capacity 2000 kg/hr.			50	480	50	0.05	0.1 mg TEB/Nm ³	Half yearly
S-2	6.5m	1X 82.50KVA D.G set				pl.	see Annexure I		years	
S-3										
S-4										
S-5										
S-6										
S-7										
S-8										
S-9										
S-10										

Amranda 20.07.2012
 Senior Environmental Engineer
 (Member Secretary/Chief Engr./ Sr. Env. Engr. / Asst. Env. Engr.)

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Consent to Medicare Environmental Management Pvt. Ltd.
for its unit at Kalyani Industrial Growth Centre, K-26, Phase-III,
P.O & P.S - Kalyani, Dist- Nadia, PIN - 741235

14. The *Applicant* shall provide ports in the stack(s) and other necessary permanent facilities such as ladder, platform, etc. for monitoring/sampling the air emissions and the same shall be made available for inspection and use by the *State Board's* staff as well as *State Board's* authorised agencies.
15. The *Applicant* shall observe the following fuel consumption pattern :-

Sl. No	Type of fuel	Quantity consumed per day	Fuel burning operation where the fuel is used
01	HSD	700litre	1x200 Kg/hr. Capacity Incinerator
02			
03			
04			
05			

16. The *Applicant* shall maintain the generation and treatment/disposal of non-hazardous solid waste as specified below :-

Type of waste	Quantity	Treatment	Disposal
ETP Sludge	4 MT/month		To be sent to the CHW
Incinerator Ash	8 MT/month		
Sterilized Plastic	12 MT/month		To be sent to registered recycles

17. The *Applicant* shall take adequate measures for control of noise levels from its own sources within the premises within the limit given below :-

Time	Limit in dB(A) L_{eq}
Day Time (06 a.m. to 09 p.m.)	75
Night Time (09 p.m. to 06 a.m.)	70

18. The *Applicant* shall at all times maintain good house-keeping, proper working order, and operate efficiently for control of pollution from all sources so as not to cause nuisance to surrounding areas/inhabitants and to achieve compliance with the terms and conditions of the consent.
19. The *Applicant* shall bring about at least 33% of the available open land under the green coverage / plantation.
20. The *Applicant* shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the *Applicant* to maintain compliance with the terms and conditions of the consent. In absence of such an alternate electric power source, the *Applicant* shall stop, reduce or otherwise control production to abide by the terms and conditions of the Consent regarding pollution level.
21. The *Applicant* shall install a separate energy meter showing the consumption of energy for operation of pollution control devices.
22. The *Applicant* shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
23. The *Applicant* shall provide drainage system for conveying industrial and domestic liquid waste. Storm-water drain shall be kept separate from the drainage system meant for industrial and domestic liquid waste

[Signature] 20.07.2022
(Member Secretary/Chief Engr/ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)
Senior Environmental Engineer
Bio-medical W.M. cell

Continued.....

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24. The Applicant shall maintain a separate register showing consumption of chemicals used in pollution control systems.
25. The Applicant shall get the samples of hazardous wastes/leachates analysed at least once in from the laboratory recognised of the West Bengal Pollution Control Board and ensure that they conform to the limits stipulated. Test reports shall be sent to the Board.
26. The Applicant shall provide adequate and safe facility for collection of air, waste water and solid waste samples by the State Board's staff as well as State Board's authorised agencies.
27. The Applicant shall submit to the State Board by the 30th September of every year the Environmental Statement Report for the financial year ending 31st March of the current year in the prescribed form (Form -V) as required under the provisions of rule 14 of the Environment (Protection) [Second Amendment] rules, 1992.
28. The Applicant shall allow the Officers of the State Board to enter into the applicant's premises at any reasonable time to inspect the pollution control systems as well as monitoring and measuring devices in connection with prevention & control of pollution.
29. The Applicant shall maintain an Inspection Book in the factory premises which shall be made available to Officers & employees of the State Board for inspection, review and to write down any direction or observation as is deemed necessary during the inspection from time to time.
30. The Application shall furnish to the State Board all information in respect of quality, quantity, rate of discharge, place of discharge of liquid effluent and air emissions.
31. The Applicant shall maintain adequate number of qualified and trained personnel among his staff for proper maintenance and operation of the effluent treatment and / or emission control devices and for overall environment management of the industry.
32. The Applicant shall have to make registration for the use of groundwater if any, with Central Ground Water Authority.
33. The Applicant shall intimate to the State Board immediately of any occurrence or apprehension of occurrence discharge of any poisonous, noxious or pollutants in excess of quality as well as quality as mentioned earlier to any receiving water body/receiving system or to atmosphere owing to accident or other unforeseen incident/event including natural disaster. The Applicant Shall (i) take all steps adequate to prevent such accident discharge/release of poisonous, noxious or pollutants and to limit their consequences to persons and the environment, (ii) provide to the persons working on the site with the information, training and equipment including antidotes necessary to ensure their safety and mitigate the accidental release of poisonous noxious or pollutants to the environment.
34. The Applicant shall make an application to the State Board in the prescribed form for renewal of the consent at least ¹²⁰ ~~60~~ (sixty) days before the date of expiry of this Consent.
35. The Applicant shall not make any alternation/modification/expansion in the existing manufacturing process and equipment as well as the pollution control system without prior approval of the Board.
36. The Applicant shall comply with the conditions as laid down in the Manufacture, Storage and Import of hazardous Chemicals Rules, 1989 and Hazardous ^{Wastes} (Management & Handling) Rules, 1989 ^{as amended}.

Additional Conditions. ^{Other} The Unit ^{from boundary movement} shall comply with the conditions stipulated in the previous 'Consent to Operate' vide memo 19/25/Con(BM)-1910/2005 dated 06/11/2017

(Member Secretary/Chief Engr. ^{Senior Environmental Engineer} Asst. Env. Engr.)
 Bio-medical W.M. coll

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ANNEXURE I to 'Consent to Operate' SI.No. CO128813

Name: Medicare Environmental Management Pvt. Ltd. located at Kalyani Industrial Growth Centre, K- 26, Phase- III, PO & PS- Kalyani, Dist- Nadia, Pin-741235

For DG set below 800 kW $H = h + 0.2 \times \sqrt{kVA}$ Where H = height of exhaust stack h = height of building. b. For DG set above 800 kW - Minimum 30 meter. In case building height is more than 30 meter Stack Height = Building height + minimum 6 meter

TABLE

Power Category	Emission Limits (g/kW-hr)			Smoke Limit (light absorption coefficient, m ⁻¹)
	NO _x +HC	CO	PM	
Upto 19 KW	≤ 7.5	≤ 3.5	≤ 0.3	≤ 0.7
More than 19 KW upto 75 KW	≤ 4.7	≤ 3.5	≤ 0.3	≤ 0.7
More than 75 KW upto 800 KW	≤ 4.0	≤ 3.5	≤ 0.2	≤ 0.7

EMISSION STANDARDS FOR DIESEL ENGINES (ENGINE RATING MORE THAN 0.8 MW (800 KW)) FOR POWER PLANT, GENERATOR SET APPLICATIONS AND OTHER REQUIREMENTS

TABLE

Parameter	Area Category	Total engine rating of the plant (includes existing as well as new generator sets)	Generator sets commissioning date		
			Before 1.7.2003	Between 1.7.2003 and 1.7.2005	On or after 1.7.2005
NO _x (as NO ₂) (AT 15% O ₂), dry basis, in ppmv	A	Upto 75 MW	1100	970	710
	B	Upto 150 MW			
	A	More then 75 MW	1100	710	360
	B	More then 150 MW			
NMHC (as C)(at 15% O ₂), mg/Nm ³	Both A and B		150	100	
PM (at 15% O ₂), mg/Nm ³	Both A and B	Diesel Fuels- HSD & LDO	75	75	
	Both A and B	Furnace Oils- LSHS & FO	150	100	
CO (at 15% O ₂), mg/Nm ³	Both A and B		150	150	
Sulphur Content in fuel	A			< 2%	
	B			< 4%	
Fuel specification	For A only	Up to 5MW	Only Diesel fuels (HSD, LDO) shall be used.		
Stack height (for generator sets commissioned after 1.7.2003)	Stack height shall be maximum of the following, in meter: (i) $14 Q^{0.3}$, Q= Total SO ₂ emission from the plant in kg/hr. (ii) Minimum 6 m. above the building where generator set is installed. (iii) 30 m.				