



Government of West Bengal

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Department of IT&E



WEST BENGAL POLLUTION CONTROL BOARD
Paribesh Bhawan, 10A, Block LA, Sector III
Salt Lake City, Bidhan Nagar, Kolkata – 700 106, INDIA
 Website : www.wbpcb.gov.in, e-mail : wbpcbnet@wbpcb.gov.in

Category of the Industry : RED

Application Type: CTO

CTO No.: WBPCB/7068034/2025

Date : 17/07/2025

Consent to Operate (CTO) under 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.

Reference: Application No.: 7068034

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 Consent to **SNG ENVIROSOLUTIONS PRIVATE LIMITED** (hereinafter referred to as Applicant) for its unit located at **Mouza: Arazi Balarambati, J.L no. 039, P.O: Manigram, P.S: Sagardighi, Murshidabad - 742237** for the period from **17/07/2025 to 30/06/2030** to operate the industrial unit/project and to discharge liquid effluent and gaseous emission from the premises / land of the industrial unit/project, in accordance with the conditions as mentioned below, provided that 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 this consent letter and in the Environment (Protection) Act, 1986 and Rules thereunder, as amended.

Breach of the conditions and / or failure to comply with the directions as mentioned below shall render the industry/project liable for prosecution under the provisions 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.

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 industry.

Conditions :

1 This Consent is valid for the following activities :

Sl.No	Name of Activity/Products/By-products	Production Capacity (Per Month)
1	Common Bio-medical Waste Treatment Facility for collection, transportation, treatment & Disposal of Bio-medical wastes generated from bedded & non bedded health care facilities using 1 x 250Kg/hr. capacity LPG fired dual chambered incinerator with mechanized feeding facility, 1 x 1000 lit/batch capacity Autoclave and 1 x 250Kg/hr. capacity Shredder	7000 Kg/Day

2 The industry shall remain responsible for quantity and quality of liquid effluent and air emission.

3 Daily waste water generation and discharge shall not exceed :

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No. of outlets	Source of Waste Water	Quantity in Kilo Liters/day	Place of discharge
1	Scrubber, vehicle washing, floor washing etc.	10	Treated in ETP and reused
2	Domestic	6	Septic tank & Soak pit

- 4 To bring into any altered or new outlet / outfall or to change the place of discharge, the industry shall have to inform the Board and obtain prior permission of the Board in this effect.
- 5 The industry 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 below:

Outlet No.	Nature of effluent	Parameters and standard			Frequency of sampling
		Parameters	Standards	Unit	
1	Industrial	pH	6.5 to 9.0		Quarterly
1	Industrial	Biological Oxygen Demand (BOD)	30	mg/L	Quarterly
1	Industrial	Chemical Oxygen Demand (COD)	250	mg/L	Quarterly
1	Industrial	Total suspended Solid (TSS)	100	mg/L	Quarterly
1	Industrial	Oil & Grease	10	mg/L	Quarterly
1	Industrial	Bio-assay test	90% survival of fish after 96 hours in 100% effluent		Quarterly
2	Domestic	pH	5.5 to 9.0		Yearly
2	Domestic	Biological Oxygen Demand (BOD)	30	mg/L	Yearly
2	Domestic	Chemical Oxygen Demand (COD)	250	mg/L	Yearly
2	Domestic	Total suspended Solid (TSS)	100	mg/L	Yearly
2	Domestic	Oil & Grease	10	mg/L	Yearly

Provisions shall be made to install sensor-based Water Quality monitoring system and flow meter to share the information with the state board on a Real Time basis.

- 6 Daily water consumption for the following purposes shall not exceed

SL NO.	Purpose of Water Use	Quantity (KL/Day)
1.	Domestic	7.0
2.	Others(Quenching)	4.0
3.	Others(Washing)	6.0
4.	Others(Plantation)	2.0

- 7 The Industry shall install suitable digital device for measuring the volume of water consumed for different purposes as mentioned above giving correct result to the satisfaction of the State Board. The device shall be able to provide information to disseminate the quantity on a real time basis.
- 8 All the stacks connected to various sources of emissions must be designated by numbers.
- 9 The industry shall install comprehensive pollution control equipment and operate and maintain the same to conform to the standard as given below:

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Stack height from ground level (m)	Stack attached to emission sources	Capacity of emission source	Cons up-Unit	Fuel details		Control system (if any)	Concentrations of parameters not to exceed						Frequency of sampling	Remarks
				Fuel used	Quantity		PM (mg/Nm ³)	CO (%)	Acid Mist (mg/Nm ³)	Pb (mg/Nm ³)	SO ₂ (mg/Nm ³)	NO _x (mg/Nm ³)		
5	DG Set	100	Kg/Hour	HSD	0.5 Kilo Liters/Year								Yearly	Pl. see Annexure I
30	Incinerator	250	Kg/Hour	LPG	0.05 Metric Tonne/Day	Dual Cyclone Separator, Rapid Quencher, again Dual Cyclone Separator, Recuperator and Ceramic Dry Scrubber	50		50			400	Total Dioxins & Furans - 0.1ng TEQ/Nm ³ (at 11% O ₂) and Hg and its compounds - 0.05mg/Nm ³ at 11% oxygen correction	Quarterly 1x 250 kg/hr. capacity LPG fired dual chamber Incinerator. All monitored values shall be corrected to 11% oxygen on dry basis

10 The industry 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 authorized agencies.

11 Waste generation, treatment and disposal shall be as specified below :

S.No	Description of Waste	Quantity	Treatment and Disposal
1	Oil contaminated cotton, jute etc.	0.140 Kg/Day	Through CHWTSDF
2	Shredded Recyclable Waste	1.5 Metric Tonnes/Day	Through authorized recycler
3	ETP Sludge	12 Kg/Day	Through CHWTSDF
4	Used oil	0.062 Kilo Liters/Year	Through authorized recycler
5	Incineration Ash	13 Metric Tonnes/Month	Through CHWTSDF
6	Municipal Solid Waste	0.021 Metric Tonnes/Day	Disposed through environment safe manner

The Industry shall obtain Authorisation for waste and also register for EPR wherever applicable.

12 The industry shall take adequate measures for control of noise level from its own sources within the premises within the limit given below :

Time	Limit in dB (A) Leq
Day time (06 a.m. to 10 p.m.)	65
Night time (10 p.m. to 06 a.m.)	55

Noise barriers should be installed if the Noise Level is found to be exceeding the desired levels.

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- 13 The industry shall at all times maintain good house-keeping and control pollution (including fugitive emissions) from all sources to maintain clean environment in & around factory premises and in surrounding areas.
- 14 The Industry shall bring about at least 33% of the total land area under the tree cover.
- 15 The Industry shall provide sufficient alternate electric power source like Green DG or Storage Battery System etc. to operate all pollution control facilities. In absence of such alternate power source, the production shall be stopped/controlled to conform to the conditions of the Consent.
- 16 The industry shall install a separate energy meter showing the consumption of energy for operation of pollution control devices and shall install suitable device for measuring the volume of water consumed for different purposes as mentioned in Sl.No. 3.
- 17 The Industry shall provide drainage system for discharge of industrial and domestic effluent and a separate drainage system for storm-water.
- 18 The industry shall maintain a separate register showing consumption of chemicals used in pollution control systems.
- 19 The Industry shall get the samples of hazardous wastes / leachates analysed at least once in a year from a laboratory recognised by the West Bengal Pollution Control Board and ensure that they conform to the limits stipulated. Test reports shall be sent to the Board.
- 20 The Industry shall submit 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 by 30th September of every year, to the WBPCB.
- 21 The Industry shall allow the officers of the State Board to enter into the premises of the unit at any reasonable time to inspect the pollution control systems and shall provide adequate and safe facility for collection of air, wastewater and solid waste samples for monitoring by the State Board as well as by authorized agencies of the State Board, as and when required by them.
- 22 The industry shall maintain an Inspection Book in the factory premises which shall be made available to inspecting officers of the State Board for inspection, review and to write down any direction or observation as is deemed necessary during the inspection.
- 23 The Industry shall furnish to the State Board all information in respect of quality, quantity, rate of discharge, place of discharge of liquid effluent and air emission.
- 24 The Industry shall maintain adequate number of qualified and trained personnel among its staff for proper maintenance and operation of the effluent treatment and/or emission control devices and for overall environment management of the industry.
- 25 The Industry shall have to make registration for the use of groundwater if any, with State Water Investigation Directorate (SWID).
- 26 The Industry shall intimate to the State Board immediately of any occurrence or apprehension of occurrence of discharge of any poisonous, noxious or pollutants in excess of quality as well as quantity 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.
- 27 If the Industry is using Diesel Generator set or generating any other hazardous waste, it should install a Digital Display Board to discriminate all information as stipulated in this regard.
- 28 The industry shall make an application to the State Board in the prescribed form for renewal of the consent at least 120 (one hundred & twenty) days before the date of expiry of this Consent.

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- 29 The industry shall not make any alteration / expansion / modification in the existing manufacturing process and equipment, pollution control system and shall not alter or bring in any new outlet/outfall or stack or change the place of discharge, without prior approval of the Board.
- 30 The industry shall comply with all applicable Environmental Acts and Rules.
- 31 The Industry shall comply with the provisions of relevant Waste Management Rules and also submit Annual Returns / Manifests on regular basis.
- 32 Concealing factual data or submission of false or fabricated data/information may result in revocation of Consent to Operate and attract action under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981.

Special Conditions:

Pl. see Annexure I & II.

Any violation of the aforesaid conditions shall entail cancellation of this Consent for Operate.

For and on behalf of West Bengal Pollution Control Board



17/07/2025

**Chief Engineer
Waste Management Cell**



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ANNEXURE I to 'Consent to Operate' of M/s SNG Envirosolutions Private Limited

Name of the unit: M/s SNG Envirosolutions Private Limited
 Mouza: Arazi Balarambati, P.O: Manigram,
 P.S: Sagardighi, Murshidabad – 742237

a. 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})
	NOx+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
NOx (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	Diesel Fuels- HSD & LDO	Both A and B	75	75	
	Furnace Oils- LSHS & FO	Both A and B	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.				



ANNEXURE II to 'Consent to Operate' of M/s SNG Envirosolutions Private Limited

Name of the unit: M/s SNG Envirosolutions Private Limited
Mouza: Arazi Balarambati, P.O: Manigram,
P.S: Sagardighi, Murshidabad – 742237

1. The unit should follow the Guidelines for Common Bio-medical Waste Treatment and Disposal Facilities and also the Guidelines for Bar Code System for Effective Management of Bio-medical Waste published by the Central Pollution Control Board in April, 2025 and April, 2018 respectively.
2. The unit should comply with the terms and conditions stipulated in the 'Consent to Establish' issued vide memo no. 332-2N-36/2021 (E) dated 12/07/2023 and 'Environmental Clearance' vide no. EC23B057WB131248, File no. EN/T-II-1/058/2021 dated 30-05-2023 properly.
3. The Common Bio-medical Waste Treatment Facility shall cater health care units situated at a radial distance of 75KM within the State of West Bengal as stipulated in serial no. 8 of Guidelines for Common Bio-medical Waste Treatment and Disposal Facilities published by the Central Pollution Control Board in April, 2025.
4. Analysis report of effluent and emission should be submitted initially within 30days hereof.
5. Thickness of all plastic carry bags should be at least one hundred and twenty (120) microns as per the provision laid down in the Plastic Waste Management (Amendment) Rules, 2021 and EPR registration should be obtained through online centralized portal '<https://eprplastic.cpcb.gov.in>' as per the Plastic Waste Management (Amendment) Rules, 2022.
6. This 'Consent to Operate' is valid upto 30-06-2030 for Common Bio-medical Waste Treatment Facility for collection, transportation, treatment & disposal of Bio-medical wastes generated from bedded & non-bedded health care facilities using 1 x 250Kg/hr. capacity LPG fired dual chambered incinerator, 1 x 1000 lit/batch capacity Autoclave and 1 x 250Kg/hr. capacity Shredder.
7. This 'Consent to Operate' is issued without prejudice to the rights and contentions of the parties in any pending case before any competent Court of Law.

