



WEST BENGAL POLLUTION CONTROL BOARD

FORM V

(See Rule 14)

Environmental Statement for the financial year ending on 31st March on or before 30th of September every year.

PART A

- (i) Name and address of the owner / occupier of the industry operation or process : Surendra Prasad Singh
- (ii) Industry category Primary- (STC Code) Secondary- (STC Code) : RED, Common treatment and disposal facilities (CETP, TSDF, E-waste recycling, CBMWTF, effluent conveyance project, incinerators, solvent / acid recovery plant, MSW sanitary landfill sites, STP)
- (iii) Production capacity : 6500 kg / day
- (iv) Year of establishment : 2023, 18th August
- (v) Date of the last environment statement submitted : 05.09.2024

PART B

1. Water consumption m³/ d

Process : 0.035
Cooling : 00.00
Domestic : 0.032

Name of products	Process water consumption per unit of product output	
	During the previous financial year	During the current financial year

2. Raw material consumption

Name of raw materials	Name of products	Consumption of raw material per unit	
		During the previous financial year	During the current financial year
HSD	DG Operation	415.00 Ltrs.	3345.00 Ltrs.
HSD	Transportation	45511.00 Ltrs.	123363.00 Ltrs.
LPG	Incineration	10283.00 Kg	3421.00 Kg
BMW	Incinerable	383000 Kg	1253449.00 Kg
BMW	Autoclavable	170000 Kg	364916.00 Kg

*Industry may use codes if disclosing details of raw materials would violate contractual obligations, otherwise all industries have to name the raw material used.

PART C

Pollution discharged to environment/ unit of output.

Pollution	Quantity of pollutants discharged(mass/day)	Concentration of pollutants in discharges(mass/volume)	Percentage of variation from prescribed standards with reasons
(a) Water	Zero Discharge Facility	<p>Sept. 2024(EFRAC) ETP Outlet pH Value: 7.4 TSS: 18mg/ltr Oil & Grease: 3.4mg/ltr BoD: 5.9mg/ltr CoD: 36.48mg/ltr Bio-Assy Test: 100%</p> <p>Dec. 2024(EFRAC) ETP Outlet pH Value: 7.04 TSS: 12.00 mg/ltr Oil & Grease: 3.6 mg/ltr BoD: 6.0 mg/ltr CoD: 38.84 mg/ltr Bio-Assy Test: 100%</p> <p>Mar. 2025(EFRAC) ETP Outlet pH Value: 6.91 TSS: 14.00 mg/ltr Oil & Grease: 4.5 mg/ltr BoD: 6.1 mg/ltr CoD: 38.00 mg/ltr Bio-Assy Test: 100%</p>	Nil
(a) Air		<p>Sept.2024 (EFRAC) Incinerator: SPM: 42.56 mg/Nm³ (at 11% O₂) Total dioxin & furan: <0.01 ng.TEQ/Nm³ NOx: 82.76 mg/Nm³ HCL: 2.97 mg/Nm³ Hg: <0.003 mg/Nm³ CE: 99.94%</p> <p>DG: CO: 0.154 g/KW-hr HC: 0.076 g/KW-hr Nox: 0.235 g/KW-hr SPM: 0.148 g/KW-hr Smoke Density: 0.42m⁻¹</p> <p>Dec.2024 (EFRAC) Incinerator: SPM: 44.97 mg/Nm³ (at 11% O₂) Total dioxin & furan: <0.01 ng.TEQ/Nm³ NOx: 102.24 mg/Nm³ HCL: 3.04 mg/Nm³ Hg: <0.003 mg/Nm³ CE: 99.93%</p> <p>DG: CO: 0.115 g/KW-hr HC: 0.033 g/KW-hr Nox: 0.12 g/KW-hr SPM: 0.078 g/KW-hr Smoke Density: 0.48m⁻¹</p>	Nil

		Mar.2025 (EFRAC) Incinerator: SPM: 39.28 mg/Nm ³ (at 11% O ₂) Total dioxin & furan: <0.01 ng.TEQ/Nm ³ NOx: 44.93 mg/Nm ³ HCL: mg/Nm ³ Hg: <0.003 mg/Nm ³ CE: 99.94% DG: CO: 0.140 g/KW-hr HC: 0.035 g/KW-hr Nox: 0.162 g/KW-hr SPM: 0.066 g/KW-hr Smoke Density: 0.63m ⁻¹	
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PART D
Hazardous Wastes

(as specified under Hazardous Wastes (Management and Handling) Rules, 1989)

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
(a) From process	23000	113210
(b) From pollution control facilities	0	227

PART E
Solid Wastes

	Total Quantity	
	During the previous financial year	During the current financial year
(a) From process	170000	364916
(b) From pollution control facility	0	0
(c)(1) Quantity recycled or re-utilized within the unit	0	0
(2) Sold	58000	358416
(3) Disposed	0	0

PART F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes:-

Hazardous waste disposed through TSDF, Saltora and Shredded Solid waste after treatment disposed through authorized recycler M/s Excellent Waste Management, Delhi.

PART G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production:-

Adopted Dry scrubbing system to reduce water consumption for process, waste water generated from autoclaving, floor wash & vehicle wash treated in ETP & reuse in vehicle wash. Autoclaved/Shredded Plastic & Glass scrap were sent to authorized recycler for recycling.

PART H

Additional measures/ investment proposal for environmental protection abatement of pollution, prevention of pollution:-

₹22.94 lacs incurred during FY 24-25 & ₹ 20.00 lacs proposed for FY 25-26.

PART I

Any other particulars for improving the quality of the environment:-

- i. Facility is under CCTV surveillance for 24x7,
- ii. CEMS installed for continuous emission monitoring,
- iii. BMW collection vehicles are GPS enabled,
- iv. Barcode scanning system implemented for effective BMW management

Date: 11.07.2025

Place: Barjora, Bankura

SNG Envirosolutions Pvt. Ltd. – Barjora

(Name of the Operator of the disposal facility)