

**ENVIRONMENTAL STATEMENT  
[FORM – V]**

(See rule 14)

**Environmental Statement for the financial year ending the 31<sup>st</sup> March, 2023**

**PART – A**

(i) Name and address of the owner/occupier of the industry operation or process.

**Haldia Dock Complex, Syama Prasad Mookerjee Port, Kolkata  
Administrative Office Complex  
Jawahar Tower Building  
Haldia – 721 607**

- (ii) Industry category: Red  
(iii) Handling capacity: -  
(iv) Year of establishment: 1977  
(v) Date of the last environmental statement submitted: 22.09.2022

**PART – B**

**(i) Water Consumption Details**

Water consumption m<sup>3</sup>/d:  
Process (Industrial Purpose): 125  
Cooling:  
Domestic: 2500

Name of Products	Process water consumption per unit of product output	
	During the previous financial Year (1)	During the Current financial Year (2)
(1) -NA-		
(2) -NA-		
(3) -NA-		

  
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ii) Raw Material Consumption

*Name of raw materials	Name of products	Consumption of raw material per Unit of output	
		During the previous financial year	During the current financial year
-NA-			

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

PART - C

Pollution discharged to environment / unit of output: -NA-  
(Parameter as specified in the consent issued)

1) Pollutants	Quantity of pollutants discharged (mass/day)	Concentrations of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
a) Water	-NA-	-NA-	-NA-
b) Air			

PART - D

Hazardous Wastes

(as specified under Hazardous Waste Management and Handling Rules, 2016)

Hazardous Waste	Total Quantity (KL)		
	During the previous Financial Year	During the current Financial Year	Sale / Disposal during the financial year
a) From process (Used Oil)	15.34 KL	16.11 KL	12.10 KL
b) From pollution control facilities	-NA-	-NA-	-NA-

  
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**PART – E**

**Solid Wastes**

	Total Quantity	
	During the previous financial year	During the current financial year
(a) From process	–	3500 kg / day
(b) Form pollution control facility	-NA-	-NA-
(c) (1) Quantity recycled or re-utilized within the unit (2) Sold (3) Disposed (through Haldia Municipal Corporation)	–	3500 kg / day

**PART – F**

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

An agreement was signed between Haldia Dock Complex, SMPK and Haldia Municipality for collection and disposal of municipal waste on regular basis.  
Hazardous wastes are handed over to registered recyclers.

**PART – G**

**Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.**

- All roads inside the dock area are converted to paved road made of bituminous, concreted or paver blocks.
- For suppression of the road dust inside the entire dock area, total 10 nos of truck mounted water sprinkling tankers are being in operation for 24 hours.
- A truck mounted movable fog canon machine has been procured for suppression of the fugitive dust especially during loading and loading of the bulk cargo materials.
- Stack pile of the materials in stack yard is being covered with tarpaulin to minimize the chances of dust dispersion during heavy air blow.

  
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- e) Cargo loaded vehicles always being covered with tarpaulin before dispatch outside of the port to avoid spillage of materials during transportation.
- f) Curtain is being used during unloading of the dry bulk cargo materials from ship to shore to avoid the spillage of materials into the water bodies.
- g) Drain cleaning and maintenance is being done on regular intervals / requirement basis.
- h) Construction of retaining wall between drain and hardstand at specified locations has already been developed to avoid the spillage of materials with storm water / rain water into the adjacent drain, resulting choking of the drain and water logging during rainy season. Development of retaining walls at other areas under progress.
- i) Waste water of the offices and residential complex at Haldia Township is being treated in oxidation pond in STP before final disposal.
- j) Plantation had already been developed inside dock area, office areas, road sides, parks as well as surrounding residential quarter complex. However, every year plantation programme are being conducted at HDC.
- k) Construction of high rise wind screen along dock boundary wall is under progress.
- l) Oil Pollution Emergency Plan prepared by Haldia Dock Complex, which is also approved by Joint Director (F&E).

Equipment as per Tier-I oil pollution response facility was audited by Indian Coast Guard & Ministry of Shipping time to time. Part of the equipment i.e. Booms, Skimmers, OSD applicator, Shore Cleaning equipment and Oil Spill Dispersant are kept on board one of the HDC tugs so as to tackle any emergency arising out of accidental spillage of oil into the river. The details of the oil spillage recovery equipments are as follows:

SI No	Name of the Equipment	Quantity
1	RO Boom SPI 100 M Section (3 sections) with Accessories	300 M
2	Wire Skimmer with Power Pack and Associated Mechanisms	2 Nos
3	Flex Barge (10 Tonne capacity) and Accessories	4 Sets
4	Boom Reel for RO Boom and Associated Mechanisms	1 No
5	Permanent Boom 25 meter Section with Accessories	1700 M
6	U-Boom 200 M with Accessories	1 Set
7	Boom Reel for U Boom and Associated Mechanisms	1 Set
8	Air Blower with Accessories	2 Sets
9	Multi-Skimmer with Power Pack (brush / disk / drum) and Associate Mechanisms	2 Sets
10	Shore Cleaning Equipments (vacuum pump, oil transfer pump, hopper with vacuum head, oil spill discernment applicator – back pack type, temporary	5 Sets



	storage tank) with Accessories	
11	Oil Spill Dispersion Applicator, Pump, Nozzle and Spray Arms and Associated Mechanisms	6 Sets
12	Sorbent Boom Pack	500 M
13	Sorbent Pads	20 Packs
14	Anti-Pollution Vessel	1 No

#### PART – H

#### **Additional measures / investment proposal for environmental protection including abatement of pollution, prevention of pollution.**

The following works are being conducted by Haldia Dock Complex, SMPK for environmental protection and prevention of pollution within dock premises as well as office and township areas:


Environmental monitoring is being done by the MoEF & CC and NABL accredited laboratory for the following parameters:

- i. Ambient Air Quality Monitoring
- ii. Noise Quality Monitoring
- iii. Drinking Water Analysis
- iv. Ground Water Analysis
- v. Marine / River Water Analysis
- vi. Marine / River Sediment Analysis
- vii. STP water Analysis
- viii. Greenbelt Study

#### PART – I

#### **Any other particulars for improving the quality of the environment.**

- NA -

  
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