



ನವ ಮಂಗಳೂರು ಬಂದರು ಪ್ರಾಧಿಕಾರ
ನವ ಮಂಗಳೂರು ಪತ್ತನ ಪ್ರಾಧಿಕಾರಣ
NEW MANGALORE PORT AUTHORITY
(Fully Solar Powered)

ಭಾರತ ಸರ್ಕಾರ (ಪತ್ತನ, ಪೊತ ಪರಿವಹನ ಓರ ಜಲಮಾರ್ಗ ಮಂತ್ರಾಲಯ)
Govt of India (Ministry of Ports, Shipping and Waterways)
ಪಣಂಬೂರು ಪಣಮ್ಬೂರು Panambur / ಮಂಗಳೂರು ಮಂಗಳೂರು Mangalore - 575010

ANNEXUREIV

Azadi Ka
Amrit Mahotsav



SAGARMALA
PORT-LED PROSPERITY

NMPT/PCC/CE(C)/2022-23

30-09-2023

To,

The Environmental Officer
Karnataka State Pollution Control Board
"Parisara Bhavana"
10 B, Baikampady, Industrial Area
Mangalore-575011

Sir,

Sub: Submission of Form -V for the period April 2022- March 2023 reg

Please find enclosed herewith dully filled in Environmental statement -
Form-V of the port for the year 2022-23 for kind information.

Thanking You

Your's faithfully

Encl: as above

RECEIVED
Regional Office
Karnataka State Pollution Control Board
Plot No. 10-B, Baikampady, Industrial Area
Mangalore-575011
(Dy. Chief Engineer Civil) i/c
9/10/23

ದೂರವಾಣಿ / ದೂರಭಾಷ / Phone : 0824- 2407341, 2887399

आईएसओ 9001:2015, 14001:2015, 45001: 2018 एवं आईएसपीएस अनुपालनकर्ता पत्तन
An ISO 9001:2015, 14001:2015, 45001: 2018 & ISPS Compliant Port

FORM V
(See Rule 14)

Environmental Statement for the year 2022- 2023

PART A

- (i) Name and address of the owner : **The Chairman,
New Mangalore Port Authority
Panambur.**
- (ii) Industry category Primary-(STC Code) : Service Provider.
- (iii) Secondary-(STC Code) .: - NA-
- (iv) Production capacity- Unit : - NA-
- (v) Year of establishment: - 1980
- (vi) Date of the last environmental statement submitted: 30th September
2022

PART B

- (vii) Water and Raw Material Consumption:
- (viii) Water consumption m³/ : - NA-
- Process: - NA-
- Cooling: - NA-
- Domestic: -1800KL-2000KL

Industry Effluent generated- NIL (zero liquid discharge)

Name of products	Process water consumption per unit of product output	
	During the previous financial year	During the current financial year
No process water is generated.		
	(1)	(2)

(1)

(2)

(3)

[Signature]

(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
No Raw Materials is used in the Port			

PART C

Pollution discharged to environment/ unit of output- **Sewage (Treated in 1.2 MLD STP & reuse the recycled water for Plantation & Dust suppression)**
(Parameter as specified in the consent issued)

Pollutants	Quantity of Pollutants Discharged (mass/day) Kg/ Hr	Concentration of Pollutants in Discharges (mass/volume)	Percentage of Variation from Prescribed standards with reasons
(a) Water	NIL	NIL	NA
(b) Air	NIL	NIL	-

PART D

Hazardous Wastes

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

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
(a) From process		
(b) From pollution control facilities.	1384.93 MT	2519.3MT

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PART E

Solid Wastes

	Total Quantity	
	During the previous financial year	During the current financial year
(a) From process		
(b) From pollution control facility	-NA-	-NA-
(c) (1) Quantity recycled or re-utilised Within the unit	15 Tonne	12 Tonne
(d) Sold		Self Management
Disposed	15 Tonne	(Vermicomposting)

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.

-NA-

PART G

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

PART H

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

1. Constructed Sewage Treatment Plant with 1.2 MLD capacity inside the Port area.
2. Constructed rain water Harvesting Ponds and Ground water Recharge ponds inside the Port area, in the lower catchment areas covering 64,217 Sq.Mtrs. with a capacity of 1,10,340 CUM of water.
3. 5.2-MW ground mounted & roof top Solar power Plant grid contributing towards Carbon foot print reduction to about 30,190 tonnes reported till March 2023. NMPA is now a 100% solar powered Port.

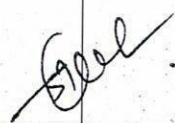
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4. To comply with integrated Management system Policy on reduction of green house gases port introduced 18 Nos. Electric Buses.
5. Provides 3- Phase Shore supply for 4 nos.of Indian Coast Guard Vessels and 4nos.of Port hired tugs at respective berths. This reduces the Carbon emission and contribute towards GHG's reduction.
6. Mechanized handling of Coal Cargo & Iron Ore Pellets through conveyor system and to ensure zero spillage of coal cargo on roads.
7. Constructed several Coal settling tanks inside the wharf and also outside the wharf area where remnants of cargo are prevented to flow into the sea.
8. All the coal yards are provided with garland drains for collecting the overflow water coming out of yards due to coal dampening and/or dust suppression system sprinklers, rain water etc.
9. All most all the concrete roads & coal yards inside the Port have been installed with mechanized sprinklers ensuring minimal dust pollution in cargo operational areas.
10. New Mangalore Port Authority is adopted Self Management of Solid waste and installed 2 tonne capacity vermicomposting unit & with shredder. This vermicomposting unit produces the 36 Tonne organic manure annually, which will be used as manure.

PART I

Any other particulars for improving the quality of the environment.

Note: Quantity of Traffic handled for the period of 2022-2023 is 41.42 million metric tonne. (details enclosed)


(Dy.Chief Engineer Civil)i/c