Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2024

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000069349	10-09-2024

PART A

Company Information

Company Name	***Application UAN number***	
Mumbai International Airport Ltd	MPCB-CONSENT-0000111260	
Address		
Terminal 1B, 1st floor, Chhatrapati Shivaji Interational Airport, Santacruz (E), Mumbai		
Plot no	***Taluka***	***Village***
Terminal 1, Santacruz east	Andheri	Santacruz
Capital Investment (In lakhs)	***Scale***	***City***
1574567	L.S.I	Mumbai city
Pincode	***Person Name***	***Designation***
400099	Vinay Bedekar	Head - Environment & Sustainability
Telephone Number	***Fax Number***	***Email***
9881103651	02266850291	vinay.bedekar@adani.com
Region	***Industry Category***	***Industry Type***
SRO-Mumbai II	Red	other
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	MPCB-CONSENT-0000111260/CR/2205000810	2022-05-13
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2024-05-31	2006	Sep 12 2023 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
NA	0	0	Nos./Y
/NA	0	0	Nos./Y

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
NA	0	0	Nos./Y

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	0.00	0.00
Cooling	0.00	0.00
Domestic	7100.00	3535.35
All others	0.00	0.00
Total	7100.00	3535.35

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Sewage generation at CSMIA	6615	2700.69	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
OTHERS	0	0	

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
NA	0	0	CMD

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Diesel For DG set	5483	50.69	Ltr/Hr

Part-C

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

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
PH	7.3	7.6	0	5.5-9.0	Pollutant discharge within standard limit
Suspended Solids	16.20	12.9	0	20	Pollutant discharge within standard limit
BOD 3 days (27oC	5.4	4.3	0	10	Pollutant discharge within standard limit
COD	24.31	15.8	0	50	Pollutant discharge within standard limit

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason

SO2 (Kg/day)	1.1	0	0	295.2	Pollutant discharge within standard limit
Total Particulate matter (mg/Nm3)	0	17.4	0	150	Pollutant discharge within standard limit

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0	6.31	MT/A
5.2 Wastes or residues containing oil	7.7	0.1	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1.84	1.97	MT/A
23.1 Wastes or residues (not made with vegetable or animal materials)	5.97	117.99	MT/A
23.1 Wastes or residues (not made with vegetable or animal materials)	0	49.05	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Plastic waste	796.83	1093.07	MT/A
Waste Paper	419.995	910.11	MT/A
Waste glass bottles	132.21	94.09	MT/A
Broken tins	134.66	139.96	MT/A
Other Misc. scrap	87.985	2.05	MT/A
Waste cotton	0	0	MT/A
Wet waste	555.1	121.56	MT/A
Organic / food waste	207.71	2959.5	MT/A
Waste wood	46.363	136.73	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
STP sludge	8.4	3.7	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

Part-F

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

1) Hazardous Waste

Type of Hazardous Waste Generated	*Qty of Hazardous Waste*	*UOM*	*Concentration of Hazardous Waste*
5.2 Wastes or residues containing oil	0.1	MT/A	Hazardous Waste is being disposed to M/s Mumbai Waste Management Limited (MWML)
5.1 Used or spent oil	6.31	MT/A	Sahara industries, Uchaad , Palghar
20.2 Spent solvents	0	MT/A	NA
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1.97	MT/A	Hazardous Waste is being disposed to M/s Mumbai Waste Management Limited (MWML).
23.1 Wastes or residues (not made with vegetable or animal materials)	117.99	MT/A	Hazardous Waste is being disposed to M/s Mumbai Waste Management Limited (MWML)
23.1 Wastes or residues (not made with vegetable or animal materials)	49.05	MT/A	This hazardous Waste is being disposed to M/s Trans Thane creek waste management association, Mahape authorized disposal agency

2) Solid Waste

Type of Solid Waste Generated	*Qty of Solid Waste*	*UOM*	*Concentration of Solid Waste*
Waste plastic	1093.07	MT/A	The non-hazardous waste is collected, segregated and disposed by M/s Compost. Segregation of the waste is being done at the contractors end after the waste is taken outside of airport boundary
Waste paper	910.11	MT/A	The non-hazardous waste is collected, segregated and disposed by M/s Compost. Segregation of the waste is being done at the contractors end after the waste is taken outside of airport boundary
Waste glass bottle	94.09	MT/A	The non-hazardous waste is collected, segregated and disposed by M/s Compost. Segregation of the waste is being done at the contractors end after the waste is taken outside of airport boundary
Waste wood	136.73	MT/A	The non-hazardous waste is collected, segregated and disposed by M/s Compost. Segregation of the waste is being done at the contractors end after the waste is taken outside of airport boundary
Broken tin	139.96	MT/A	The non-hazardous waste is collected, segregated and disposed by M/s Compost. Segregation of the waste is being done at the contractors end after the waste is taken outside of airport boundary
Wet garbage	121.56	MT/A	The non-hazardous waste is collected, segregated and disposed by M/s Compost. Segregation of the waste is being done at the contractors end after the waste is taken outside of airport boundary
Other scrap	2.05	MT/A	The non-hazardous waste is collected, segregated and disposed by M/s Compost. Segregation of the waste is being done at the contractors end after the waste is taken outside of airport boundary
Waste cotton	0	MT/A	The non-hazardous waste is collected, segregated and disposed by M/s Compost. Segregation of the waste is being done at the contractors end after the waste is taken outside of airport boundary
Food waste (OWC) treated	2959.5	MT/A	The non-hazardous waste is collected, segregated and disposed by M/s Compost. Segregation of the waste is being done at the contractors end after the waste is taken outside of airport boundary

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
Energy saving measures at CSMIA	0	0	0	6099325	10.5	0

Part-H

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

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
CAAQMS, Solar projects, RVM machine	CAAQMS, Solar projects, RVM machine	143

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
EV charging station, replacement of AC etc	EV charging station, replacement of AC etc	150

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Nil- The Form 5 is cumulative all the CTO (CSMIA & MLCP) both, Para no 4 DG fuel DG Diesel were not appear in the Tab so mentioned figure and submitted

Name & Designation

Vinay Bedekar

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000069349

Submitted On:

10-09-2024