



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000049195

### Submitted Date

29-09-2022

## PART A

### Company Information

#### Company Name

Mumbai International Airport Limited

#### Application UAN number

0000046050

#### Address

Chhatrapati Shivaji Maharaj International Airport (CSMIA),

#### Plot no

1st floor, Terminal - 1

#### Taluka

Mumbai

#### Village

Santacruz (East),

#### Capital Investment (In lakhs)

11132.62

#### Scale

Large

#### City

Mumbai

#### Pincode

400099

#### Person Name

Jayesh Kumar Gehlot

#### Designation

Head Environment & Sustainability,

#### Telephone Number

02266850778

#### Fax Number

02266850778

#### Email

jayeshkumar.gehlot@adani.com

#### Region

SRO-Mumbai II

#### Industry Category

Red

#### Industry Type

R23 Airports and Commercial Air Strips

#### Last Environmental statement submitted online

yes

#### Consent Number

RED/L.S.I NO: Format 1.0/CAC/UAN NO/0000111260/CR/2205000810/ RED/L.S.I(R1) NO:FORMAT1.0/CAC/UAN NO MPCB-CONSENT-0000114666/CR-2202000364/ RED/L.S.I(R31)NO-FORMAT1.0/CAC/UAN NO-0000082458/CR-200700167

#### Consent Issue Date

2022-05-13

#### Consent Valid Upto

2024-05-31

#### Establishment Year

2006

#### Date of last environment statement submitted

Sep 29 2021 12:00:00:000AM

#### Industry Category Primary (STC Code) & Secondary (STC Code)

### Product Information

#### Product Name

NA

#### Consent Quantity

0

#### Actual Quantity

0

#### UOM

Nos./Y

### By-product Information

#### By Product Name

#### Consent Quantity

#### Actual Quantity

#### UOM

## Part-B (Water & Raw Material Consumption)

### 1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	0.00	0.00
Domestic	7100.00	2513.70
All others	0.00	0.00
<b>Total</b>	<b>7100.00</b>	<b>2513.70</b>

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Sewage generation at CSMIA	6615	1255.0	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
Water consumption per passenger	0.078	0.042	

### 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
NIL	0	0	CMD

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Diesel for DG set	14760	104.2	

## 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	Standard	Reason
	Quantity	Concentration	%variation		
pH	7.1	7.1	0	8	Pollutant discharge within standard limit
Suspended Solids	15.7	18.8	0	50	Pollutant discharge within standard limit
BOD 3 days (27oC)	7.7	11.2	0	30	Pollutant discharge within standard limit
COD	26.2	39.2	0	100	Pollutant discharge within standard limit

#### [B] Air (Stack)

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/NM3)</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
SO2 (Kg/day)	0.4	0	0	295.2	Pollutant discharge within standard limit
Total Particulate matter (mg/Nm3)	0	17.6	0	150	Pollutant discharge within standard limit

## Part-D

### HAZARDOUS WASTES

#### 1) From Process

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.1 Used or spent oil	0	11.760	KL/A
5.2 Wastes or residues containing oil	2.42	0	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	3.41	48	Nos./Y
23.1 Wastes or residues (not made with vegetable or animal materials)	44.84	82.402	MT/A

#### 2) From Pollution Control Facilities

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	0	0	MT/A

## Part-E

### SOLID WASTES

#### 1) From Process

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
Waste Plastics	117	180	MT/A
Waste Paper	531	188	MT/A
Waste glass bottles	115	120	MT/A
Waste Plastics bottles	117	0	MT/A
Waste wood	113	150	MT/A
Broken tins	108	168	MT/A
Other Misc. scrap	114	147	MT/A
Waste cotton	88	106	MT/A
Wet waste	1840.7	1397	MT/A
Organic / food waste	207.3	517	MT/A

#### 2) From Pollution Control Facilities

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
STP sludge	1.52	8.98	MT/A

#### 3) Quantity Recycled or Re-utilized within the unit

<b>Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
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**

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
5.1 Used or spent oil	11760	Ltr/A	Disposed to MPCB authorized agency M/s Meher Petrochem Pvt. Ltd.
5.2 Wastes or residues containing oil	0	MT/A	Disposed to MPCB authorized agency M/s Meher Petrochem Pvt. Ltd.
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	48	Nos./Y	Disposed to MPCB authorized agency M/s Meher Petrochem Pvt. Ltd.
23.1 Wastes or residues (not made with vegetable or animal materials)	82.402	MT/A	Disposed to MPCB authorized agency M/s Meher Petrochem Pvt. Ltd.

### **2) Solid Waste**

<b>Type of Solid Waste Generated</b>	<b>Qty of Solid Waste</b>	<b>UOM</b>	<b>Concentration of Solid Waste</b>
Waste plastic	180	MT/A	The non-hazardous waste is collected, segregated and disposed by M/s Sharda Enterprises. Segregation of the waste is being done at the contractors end after the waste is disposed to MCGM/MPCB dumping
Waste paper	188	MT/A	The non-hazardous waste is collected, segregated and disposed by M/s Sharda Enterprises. Segregation of the waste is being done at the contractors end after the waste is disposed to MCGM/MPCB dumping
Waste glass bottles	120	MT/A	The non-hazardous waste is collected, segregated and disposed by M/s Sharda Enterprises. Segregation of the waste is being done at the contractors end after the waste is disposed to MCGM/MPCB dumping
Waste plastic bottles	0	MT/A	The non-hazardous waste is collected, segregated and disposed by M/s Sharda Enterprises. Segregation of the waste is being done at the contractors end after the waste is disposed to MCGM/MPCB dumping
Waste wood	150	MT/A	The non-hazardous waste is collected, segregated and disposed by M/s Sharda Enterprises. Segregation of the waste is being done at the contractors end after the waste is disposed to MCGM/MPCB dumping
Waste broken tins	168	MT/A	The non-hazardous waste is collected, segregated and disposed by M/s Sharda Enterprises. Segregation of the waste is being done at the contractors end after the waste is disposed to MCGM/MPCB dumping
Other Misc. Scrap	147	MT/A	The non-hazardous waste is collected, segregated and disposed by M/s Sharda Enterprises. Segregation of the waste is being done at the contractors end after the waste is disposed to MCGM/MPCB dumping
Waste cotton	106	MT/A	The non-hazardous waste is collected, segregated and disposed by M/s Sharda Enterprises. Segregation of the waste is being done at the contractors end after the waste is disposed to MCGM/MPCB dumping
Wet Waste	1397	MT/A	The non-hazardous waste is collected, segregated and disposed by M/s Sharda Enterprises. Segregation of the waste is being done at the contractors end after the waste is disposed to MCGM/MPCB dumping
Organic / food waste	517.2	MT/A	The non-hazardous waste is collected, segregated and disposed by M/s Sharda Enterprises. Segregation of the waste is being done at the contractors end after the waste is disposed to MCGM/MPCB dumping

## Part-G

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

<b>Description</b>	<b>Reduction in Water Consumption (M3/day)</b>	<b>Reduction in Fuel &amp; Solvent Consumption (KL/day)</b>	<b>Reduction in Raw Material (Kg)</b>	<b>Reduction in Power Consumption (KWH)</b>	<b>Capital Investment(in Lacs)</b>	<b>Reduction in Maintenance(in Lacs)</b>
Energy saving measures at CSMIA	0	0	0	500000	140	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

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
NIL	NIL	0

#### [B] Investment Proposed for next Year

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
NA	NA	0.0

## Part-I

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

#### Particulars

NIL

#### Name & Designation

Head Environment & Sustainability

#### UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000049195

#### Submitted On:

29-09-2022