

Ref: MglAL/Operations/Env/2025-26/4063

26th Sept 2025

To,

**Member Secretary,
Karnataka State Pollution Control Board
"Parisara Bhavana", No #49, Church Street,
Bengaluru - 560001**

Sir,

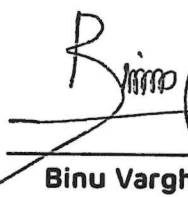
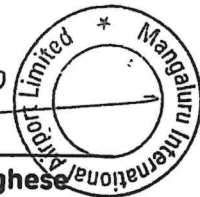
Sub: Submission of Environment Statement (Form V) for "Mangaluru International Airport Limited" for the period April-2024 to March 2025.

Ref.: Consent for Operation vide letter no AW 330415 dated 18.03.2022
Consent for Operation vide letter no AW-340535 dated 17.11.2023
Consent for Operation vide letter no AW-342081 dated 23.02.2024

With reference to the above-mentioned subject and reference, please find enclosed Environmental Statement in Form V prescribed under Rule 14 of the Environment (Protection) Rules 1986, for "Mangaluru International Airport Limited" for the period April-2024 to March 2025.

Kindly consider the above submission and acknowledge.

Thanking you,
For **Mangaluru International Airport Limited.**

Binu Varghese
Chief Airport Officer

Encl: As above

✓ **Copy to:**

1. Environment Officer, Regional Officer Karnataka State Pollution Control Board Plot No.10 B. Baikamapady Industrial Area, Mangalore-575011

Mangaluru International Airport Limited
(Formerly known as Adani Mangaluru International Airport Limited) Bajpe
Main Road, Kenjar, PO: Bajpe
Mangaluru 574 172, Karnataka, India

Ph +91 63588 59896
cao.mangaluruairport@adani.com
www.adani.com/mangaluru-airport

CIN: U63030GJ2019PLC110062

Registered office: Adani Corporate House, Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad 382 421, Gujarat, India.

RECEIVED
Regional Office 29/9/25
Karnataka State Pollution Control Board
Plot No.10-'B', Baikampady Industrial Area
Mangaluru-575011

Environment Statement for 2024-25
M/s. Mangaluru International Airport Limited

FORM V
(See Rule 14)

Environmental Statement for the period from 1st April 2024 to 31st March 2025

PART - A

- (i) Name and address of the Owner/
Occupier of the Industry Operation or
Process : Mr. Binu Varghese
Chief Airport Officer
Mangaluru International Airport Limited,
Bajpe Main Rd, Kenjar P.O, Mangaluru,
Karnataka. Pin-574142, India.
CTO No- AW 330415 & AW-340535
Indian Oil Corporation Limited
CTO no- AW-342081
Asset Purchase Agreement- 12.06.2023
Mangaluru International Airport Ltd, Mangaluru
- (ii) Industry Category : Red-Large
Primary (STC Code) NA
Secondary (STC Code) NA
- (iii) Production Capacity : No production as Airport is Service industry.
- (iv) Year of Establishment : Commercial Date of Operation (COD):
31st October 2020
- (v) Date of last Environment Statement
submitted : 23rd September 2024

Environment Statement for 2024-25
M/s. Mangaluru International Airport Limited

PART - B

Water and Raw Material Consumption

(i) Water Consumption (in m³/day)

Water Consumption	259.6 KL/day
Process	Nil
Domestic & cooling	259.6 KL/Day

Details of Water Consumption for the period of April 2024 to March 2025 is enclosed as **Annexure - 1.**

Details	Process water consumption per unit of products	
	During the previous financial year (2023-24)	During the current financial year (2024-2025)
Not applicable	Not applicable	Not applicable

Mangaluru International Airport Limited (MGIAL) is an Airport Service Industry and does not carry out any manufacturing or production. The water is mainly consumed for domestic purposes and horticulture etc.

(ii) Raw Material Consumption

Name of Raw Material	Name of Products	Consumption of Raw Material per Unit of output	
		During the previous financial year (2023-24)	During the current financial year (2024-2025)
Not applicable	Not applicable	Not applicable	Not applicable

Mangaluru International Airport Limited is an Airport Service Industry and does not undergo any manufacturing or production.

Environment Statement for 2024-25
M/s. Mangaluru International Airport Limited

PART - C

Pollutants discharged to Environment/Unit of Output
(Parameters as specified in consent issued)

Pollutants	Quantity of pollutants discharged (mass/day)		Concentrations of pollutants in discharges (mass/volume)		Percentage of variation from prescribed standards with reasons
	Parameters	Avg. Mass Kg/Day	Parameters	Avg.	
(a) Wastewater	pH	-	pH	7.14	<p>There is no variation from prescribed standards in terms of quality of wastewater discharge. As a part of the Environment Monitoring programme, monthly STP monitoring is being carried out. The analysis of the STP Monitoring report is attached as Annexure-2.</p> <p>Wastewater generated is being treated in STP. Treated water during April 2024 to March 2025 was utilized for horticulture / landscaping purpose within premises.</p>
	Total Suspended Solids	1.02	Total Suspended Solids (mg/l)	15.81	
	BOD (5 Days @ 20 °C)	0.53	BOD (5 Days @ 20°C) (mg/l)	8.06	
	Total Nitrogen	0.36	Total Nitrogen (mg/l)	5.73	
	COD	1.91	COD (mg/l)	29.25	
(b) Air		Avg. Mass Kg/Day	Parameters	Avg.	<p>DG Sets are provided as standby power sources and used during power failure.</p> <p>As a part of the Environment Monitoring programme, DG set flue gas monitoring is being carried out half-yearly. The Analysis of the D.G Set Stack Monitoring report is attached as Annexure-3.</p> <p>Particulate matters value within the prescribed limits stipulated by concerned regulatory authorities.</p>
	Particulate Matter (PM 10)	-	Particulate Matter (mg/Nm ³)	62.4	
	Particulate Matter (PM 2.5)	-	Particulate Matter (mg/Nm ³)	40.5	
	Sulphur Dioxide (SO ₂)	-	Sulphur Dioxide (PPM)	12	
	Nitrogen Oxide (NO _x)	-	Nitrogen Oxide (NO _x) (PPM)	15.2	

Environment Statement for 2024-25
M/s. Mangaluru International Airport Limited

PART - D

Hazardous Wastes

(As specified under Hazardous & Other waste Wastes Management 2016)

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year (2023-24)	During the current financial year (2024-2025)
(a) From Process	Used Oil (Cat 5.1)-1.27 KL Cat 33.1- 0.16 MT Used Oil is generated as hazardous waste from DG set operation.	Used Oil (Cat 5.1)-0.989 KL Cat 33.1- Nil Used Oil is generated as hazardous waste from DG set operation will be disposed to SPCB authorized preprocessor.
(b) From Pollution Control facilities	Not applicable	Not applicable

PART - E
Solid Waste

Solid Waste	Total Quantity (Kg)		Disposal Method
	During the previous financial year (2023-2024)	During the current financial year (2024-2025)	
(a) From Process			
Dry Waste	34.58 MT	49.07 MT	As per Solid waste management Rules, 2016
Organic Waste			
E-Waste	0.373 MT	Nil	As per E Waste Rules, 2016.
Battery Waste	1.277 MT	5.86 MT	As per Battery Waste Rules, 2016.
(b) From Pollution Control facilities	Not applicable	Not applicable	

Environment Statement for 2024-25
M/s. Mangaluru International Airport Limited

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:

As a part of Mangaluru international Airport Limited operation, an effective Solid Waste Management plan has been implemented on site, which includes:

- Collection & Segregation of waste from the source
- Provided separate waste bins (for dry & wet waste) at all locations including Airside, Landside & Terminals.
- Well demarcated waste collection points were established, where the segregated waste is collected, shifted to a Waste management facility.
- All the inorganic waste after proper segregation is being given to the recognized agency for further handling.
- Organic waste generated is treated in organic waste converter (600KG Capacity). The compost generated from OWC is used for horticulture purposes at MglAL premises.
- Hazardous Waste at Mangaluru International Airport Limited is managed in line to the Hazardous Waste Management Rules 2016.
- Battery Waste generated is managed in line to the Battery Waste Management Rules 2010, amended till date
- E-Waste, generated is being managed in line to the E-Waste Management Rules 2016, amended till date
- Solid waste generated is handled in line to 5R of waste management to attain zero waste to land fill.



[Waste Management Facility](#)

Environment Statement for 2024-25
M/s. Mangaluru International Airport Limited



[Dry waste segregation](#)



[Organic Waste Converter](#)

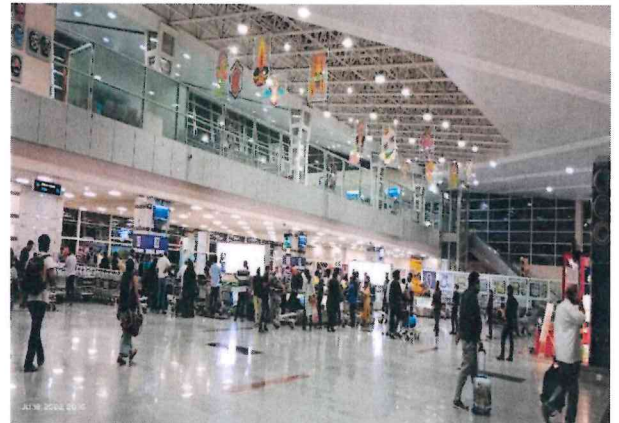
PART - G

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

Energy Savings



[Street LED Lights](#)



[LED Lights in Offices & Terminal](#)

- All the conventional lights have been replaced by LED lights and there is no more use of conventional lights.
- Proactively controlled lighting systems are provided. The landside streetlights are made operational on timer basis according to the daylights.
- Sensitization of the team & continuous follow-up is done to further improve the Airport environmental & sustainability aspects.
- Timely maintenance of AHU's filters & coil, chillers, cooling towers is being carried out at MglAL. Regular monitoring is being carried out for the same.

Environment Statement for 2024-25
M/s. Mangaluru International Airport Limited

Water Conservation:

- As part of water conservation, approximately 100% sensor-based water taps have been installed in all the washrooms of the Terminal building at MIAL.
- Rainwater collection tank of capacity 5000 m³ is constructed to collect rainwater.
- 100% Treated Water from the STP is utilized for gardening & horticulture purposes.
- Drip irrigation system is adopted at avenue plantation.

Wastewater Management:

- 150 KLD of Sewage Treatment Plant (STP) is operational at MIAL.
- Sewage Treatment Plant (STP) is installed at site for treating and handling the domestic sewage generated from airport premises. STP treated water is Monitored by MoEF&CC & NABL accredited laboratory, and all the results are observed to be within Stipulated Standards.
- The treated wastewater generated from the STP is utilized for gardening and horticulture activity within MIAL premises to conserve freshwater consumption.

Air Management:

- Adequate green cover of about 6.01 Acres has been developed.
- Ambient Air Quality Monitoring is carried out by engaging MoEF&CC & NABL accredited laboratory, and all the results are observed to be within Stipulated Standards.
- Installed 1 no. Online Continuous Ambient Air Quality Monitoring system within premises.
- Regular road cleaning both inside and outside of airport using road cleaning machines.
- Environment Monitoring for D.G Stack Flue Gas Emissions will be carried out by MoEF&CC and NABL accredited laboratory.

Soil Management:

Environment Monitoring for Soil Analysis is being carried out by MoEF&CC and NABL accredited laboratory and all the results are under the norms inline to stipulated standards.

PART – H

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

Carbon Neutrality Initiatives:

- Transition of conventional vehicles to Ev vehicles and addition of new Ev vehicles, now the strength of Ev vehicle reached 31 in numbers.
- Installed 2 no. of EV charging stations.
- Use of lower Global Warming Potential ABC type fire extinguisher and currently only 90 CO₂ based fire extinguishers which will be replaced/phased out in periodic manner.
- Converted all remaining R22 AC refrigerant with R32 -lower Global Warming Potential refrigerant.
- 100% compliance and implementation of LED lights at the airport and buildings.
- Introduced the Ev Bus in the fleet for commute.

**Environment Statement for 2024-25
M/s. Mangaluru International Airport Limited**



Electric vehicle charging station



Electric vehicles for Airport Operation



PART - I

Any other particulars for improving the quality of environment:

- MgIAL Expenditure for environmental management measures for FY 2024-25 of about INR 252 Lakhs was spent. Details are mentioned below.

S. No.	Activity	Cost Incurred (2024-25) in Lakhs
1	Env Manpower	12.00
2	Legal and Statutory Expenses	11.50
3	Environmental Monitoring Services	10.50
4	Waste Management and Disposal	16.0
5	O & M of Sewage Treatment Plant	8.0
6	Awareness Programs	1.0
7	Horticulture Expenses	78
8	Carbon Neutrality Initiatives	115
Total		252

Environment Statement for 2024-25
M/s. Mangaluru International Airport Limited

- Environment awareness sessions via, Quiz Competition, Webinar, Selfie point, Distribution of sapling to passengers & plantation drive on World Environment Day in FY 2024-25.

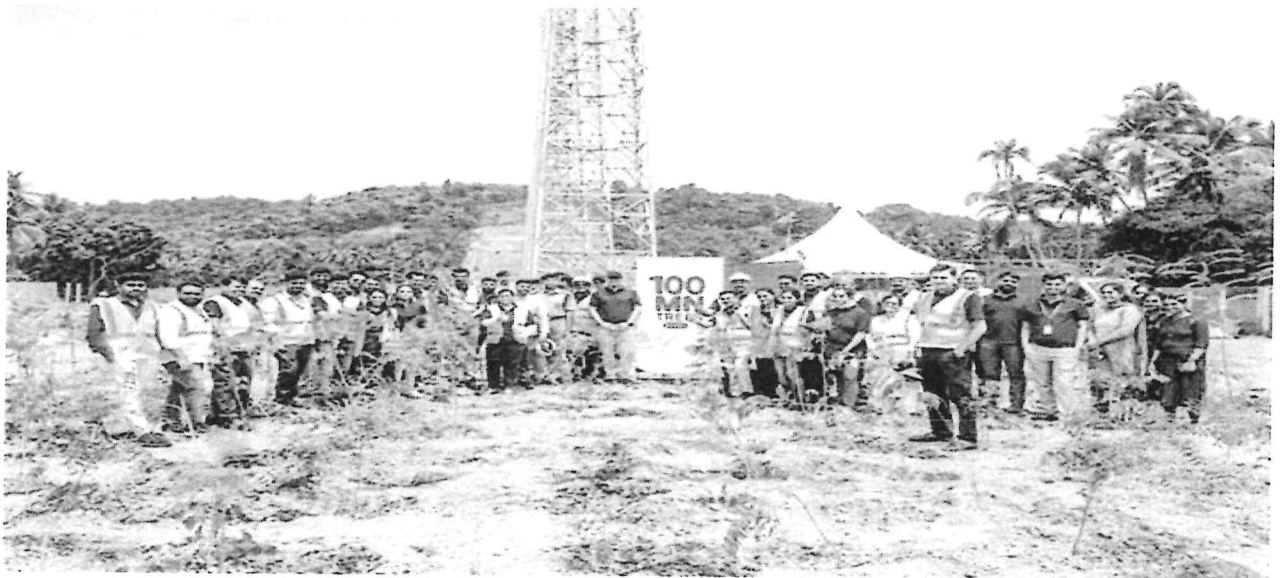


Date: 26.09.2024

Binu Varghese
Chief Airport Officer
Mangaluru International Airport Limited

Environment Statement for 2024-25
M/s. Mangaluru International Airport Limited

- Environment awareness sessions via, Quiz Competition, Webinar, Selfie point, Distribution of sapling to passengers & plantation drive on World Environment Day in FY 2024-25.



Date: 26.09.2024



Binu Varghese
Chief Airport Officer
Mangaluru International Airport Limited

Environment Statement for 2024-25
M/s. Mangaluru International Airport Limited

Annexure - 1

Details of Water Consumption for the period April 2024 to March 2025

Month	Water consumption (KL)
24-Apr	8792.7
24-May	8660.9
24-Jun	7935.7
24-Jul	8057.9
24-Aug	7884.0
24-Sep	8284.1
24-Oct	8449.2
24-Nov	8139.9
24-Dec	8394.4
25-Jan	8639.9
25-Feb	5870.0
25-Mar	5655.2
Total	94763.8
Average Monthly	7897.0
Average Daily	259.6 KLD

Vimta Labs Limited

Registered Office
142, IDA Phase II, Cherlapally
Hyderabad-500 051, Telangana, India
T : +91 40 2726 4141
F : +91 40 2726 3657



Driven by Quality. Inspired by Science.

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA - 574142.

Report Number : VLL/VLS/24/00451/006
Issued Date : 2024.05.06
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

Page 1 of 1

SAMPLE PARTICULARS : STP WATER

Frequency Of Sampling	: One Grab sample in a Month
Month of Sampling	: April 2024
Test Required	: pH; Total Suspended Solids; Total Nitrogen; Chemical Oxygen Demand; Biological Oxygen Demand; Ammonical Nitrogen and Fecal Coliform.
Sample Collected On	: 03.04.2024
Analysis Start Date	: 05.04.2024
Analysis Completion Date	: 15.04.2024
Sample collected by	: Vimta Labs Ltd.,

TEST REPORT

Sr.No	Parameters	Method Adopted	UoM	STP Inlet Water	STP Outlet Water	KSPCB Standard
1	pH	IS:3025 P-11	--	7.40	6.88	6.5 - 9.0
2	Total Suspended Solids	IS:3025 P-17	mg/L	114	16.4	20
3	Total Nitrogen	APHA 4500-B	mg/L	27.8	5.21	10
4	Chemical Oxygen Demand	APHA 5220B	mg/L	220	26	50
5	Biological Oxygen Demand at 27°C, 3 days	IS:3025 P-44	mg/L	65	8.5	10
6	Ammonical Nitrogen	APHA 4500-F	mg/L	22.6	<0.1	5
7	Fecal Coliform	EPA Method 1681: 2006	MPN/100ml	820	46	<100

GPS – STP Inlet water : 12° 57'02.147"N, 74°52'15.003"E

STP Outlet Water : 12° 57'01.682"N, 74°52'14.651"E

Dr. SubbaReddyMallampati
Manager-Environment

Vimta Labs Limited

Registered Office
 142, IDA Phase II, Cherlapally
 Hyderabad-500 051, Telangana, India
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 F : +91 40 2726 3657



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**M/S. MANGALURU INTERNATIONAL AIRPORT LIMITED.,
 BAJPE MAIN RD,
 KENJAR HC,
 KARNATAKA - 574142.**

Report Number : VLL/VLS/24/02617/006
 Issued Date : 2024.06.08
 P. Order Ref : 5700335314
 P.O. Date : 09.12.2023

Page 1 of 1

SAMPLE PARTICULARS : STP WATER

Frequency Of Sampling : One Grab sample in a Month
 Month of Sampling : **May 2024**
 Test Required : pH; Total Suspended Solids; Total Nitrogen; Chemical Oxygen Demand; Biological Oxygen Demand; Ammonical Nitrogen and Fecal Coliform.
 Sample Collected On : 07.05.2024
 Analysis Start Date : 09.05.2024
 Analysis Completion Date : 18.05.2024
 Sample collected by Vimta Labs Ltd.,

TEST REPORT

Sr.No	Parameters	Method Adopted	UoM	STP Inlet Water	STP Outlet Water	KSPCB Standard
1	pH	IS:3025 P-11	--	7.14	6.95	6.5 - 9.0
2	Total Suspended Solids	IS:3025 P-17	mg/L	132	18.1	20
3	Total Nitrogen	APHA 4500-B	mg/L	24.8	7.3	10
4	Chemical Oxygen Demand	APHA 5220B	mg/L	280	21	50
5	Biological Oxygen Demand at 27°C, 3 days	IS:3025 P-44	mg/L	76	7.5	10
6	Ammonical Nitrogen	APHA 4500-F	mg/L	26.2	<0.1	5
7	Fecal Coliform	EPA Method 1681: 2006	MPN/100ml	980	54	<100

GPS – STP Inlet water :12° 57'02.147"N, 74°52'15.003"E

STP Outlet Water :12° 57'01.682"N, 74°52'14.651"E

Dr. SubbaReddy Mallampati
 Manager-Environment

Vimta Labs Limited

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**ISSUED TO:**

M/S. MANGALURU INTERNATIONAL AIRPORT LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA - 574142.

Report Number : VLL/VLS/24/05295/006
Issued Date : 2024.07.08
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

Page 1 of 1

SAMPLE PARTICULARS : STP WATER

Frequency Of Sampling : One Grab sample in a Month
Month of Sampling : **June 2024**
Test Required : pH; Total Suspended Solids; Total Nitrogen; Chemical Oxygen Demand; Biological Oxygen Demand; Ammonical Nitrogen and Fecal Coliform.
Sample Collected On : 12.06.2024
Analysis Start Date : 14.06.2024
Analysis Completion Date : 22.06.2024
Sample collected by Vimta Labs Ltd.,

TEST REPORT

Sr.No	Parameters	Method Adopted	UoM	STP Inlet Water	STP Outlet Water	KSPCB Standard
1	pH	IS:3025 P-11	--	7.27	6.88	6.5 - 9.0
2	Total Suspended Solids	IS:3025 P-17	mg/L	155	16.4	20
3	Total Nitrogen	APHA 4500-B	mg/L	31.6	5.6	10
4	Chemical Oxygen Demand	APHA 5220B	mg/L	310	32	50
5	Biological Oxygen Demand at 27°C, 3 days	IS:3025 P-44	mg/L	90	8.5	10
6	Ammonical Nitrogen	APHA 4500-F	mg/L	29.6	<0.1	5
7	Fecal Coliform	EPA Method 1681: 2006	MPN/100ml	880	65	<100

GPS - STP Inlet water : 12° 57'02.147"N, 74°52'15.003"E
STP Outlet Water : 12° 57'01.682"N, 74°52'14.651"E

Dr. SubbaReddy Mallampati
Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA - 574142.

Report Number : VLL/VLS/24/06727/006
Issued Date : 2024.08.05
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

Page 1 of 1

SAMPLE PARTICULARS : STP WATER

Frequency Of Sampling : One Grab sample in a Month
Month of Sampling : July 2024
Test Required : pH; Total Suspended Solids; Total Nitrogen; Chemical Oxygen Demand; Biological Oxygen Demand; Ammonical Nitrogen and Fecal Coliform.
Sample Collected On : 03.07.2024
Analysis Start Date : 05.07.2024
Analysis Completion Date : 15.07.2024
Sample collected by Vimta Labs Ltd.,

TEST REPORT

Sr.No	Parameters	Method Adopted	UoM	STP Inlet Water	STP Outlet Water	KSPCB Standard
1	pH	IS:3025 P-11	--	7.80	7.06	6.5 - 9.0
2	Total Suspended Solids	IS:3025 P-17	mg/L	136	13.8	20
3	Total Nitrogen	APHA 4500-B	mg/L	38.7	4.3	10
4	Chemical Oxygen Demand	APHA 5220B	mg/L	285	29	50
5	Biological Oxygen Demand at 27°C, 3 days	IS:3025 P-44	mg/L	82	7.8	10
6	Ammonical Nitrogen	APHA 4500-F	mg/L	34.5	<0.1	5
7	Fecal Coliform	EPA Method 1681: 2006	MPN/100ml	740	48	<100

GPS – STP Inlet water :12° 57'02.147"N, 74°52'15.003"E
STP Outlet Water :12° 57'01.682"N, 74°52'14.651"E

Dr. SubbaReddy Mallampati
Manager-Environment

Vimta Labs Limited

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**M/S. MANGALURU INTERNATIONAL AIRPORT LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA - 574142.**

Report Number : VLL/VLS/24/09443/007
Issued Date : 2024.09.02
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

Page 1 of 1

SAMPLE PARTICULARS : STP OUTLET WATER

Frequency Of Sampling : One Grab sample in a Month
Month of Sampling : August 2024
Test Required : pH; Total Suspended Solids; Total Nitrogen; Chemical Oxygen Demand; Biological Oxygen Demand; Ammonical Nitrogen and Fecal Coliform.
Sample Collected On : 07.08.2024
Analysis Start Date : 09.08.2024
Analysis Completion Date : 22.08.2024
Sample collected by Vimta Labs Ltd.,

TEST REPORT

Sr.No	Parameters	Method Adopted	UoM	STP Outlet Water	KSPCB Standard
1	pH	IS:3025 P-11	--	7.15	6.5 - 9.0
2	Total Suspended Solids	IS:3025 P-17	mg/L	16.0	20
3	Total Nitrogen	APHA 4500-B	mg/L	3.2	10
4	Chemical Oxygen Demand	APHA 5220B	mg/L	30	50
5	Biological Oxygen Demand at 27°C, 3 days	IS:3025 P-44	mg/L	8.5	10
6	Ammonical Nitrogen	APHA 4500-F	mg/L	<0.1	5
7	Fecal Coliform	EPA Method 1681: 2006	MPN/100ml	42	<100

GPS – STP Inlet water :12° 57'02.147"N, 74°52'15.003"E
STP Outlet Water :12° 57'01.682"N, 74°52'14.651"E

Dr. SubbaReddy Mallampati
Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA - 574142.

Report Number : VLL/VLS/24/11223/007
Issued Date : 2024.10.15
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

Page 1 of 1

SAMPLE PARTICULARS : STP OUTLET WATER

Frequency Of Sampling : One Grab sample in a Month
Month of Sampling : September 2024
Test Required : pH; Total Suspended Solids; Total Nitrogen; Chemical Oxygen Demand; Biological Oxygen Demand; Ammonical Nitrogen and Fecal Coliform.
Sample Collected On : 02.09.2024
Analysis Start Date : 04.09.2024
Analysis Completion Date : 14.09.2024
Sample collected by Vimta Labs Ltd.,

TEST REPORT

Sr.No	Parameters	Method Adopted	UoM	STP Outlet Water	KSPCB Standard
1	pH	IS:3025 P-11	--	7.03	6.5 - 9.0
2	Total Suspended Solids	IS:3025 P-17	mg/L	14	20
3	Total Nitrogen	APHA 4500-B	mg/L	5.3	10
4	Chemical Oxygen Demand	APHA 5220B	mg/L	24	50
5	Biological Oxygen Demand at 27°C, 3 days	IS:3025 P-44	mg/L	7.5	10
6	Ammonical Nitrogen	APHA 4500-F	mg/L	<0.1	5
7	Fecal Coliform	EPA Method 1681: 2006	MPN/100ml	53	<100

GPS – STP Inlet water :12° 57'02.147"N, 74°52'15.003"E

STP Outlet Water :12° 57'01.682"N, 74°52'14.651"E

Dr. SubbaReddy Mallampati
Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA - 574142.

Report Number : VLL/VLS/24/13334/007
Issued Date : 2024.11.08
P. Order Ref : 5700335314
P.O. Date : 19.09.2024

Page 1 of 1

SAMPLE PARTICULARS : STP OUTLET WATER

Frequency Of Sampling	: One Grab sample in a Month
Month of Sampling	: October 2024
Test Required	: pH; Total Suspended Solids; Total Nitrogen; Chemical Oxygen Demand; Biological Oxygen Demand; Ammonical Nitrogen and Fecal Coliform.
Sample Collected On	: 09.10.2024
Analysis Start Date	: 11.10.2024
Analysis Completion Date	: 22.10.2024
Sample collected by Vimta Labs Ltd.,	

TEST REPORT

Sr.No	Parameters	Method Adopted	UoM	STP Outlet Water	KSPCB Standard
1	pH	IS:3025 P-11	--	7.14	6.5 - 9.0
2	Total Suspended Solids	IS:3025 P-17	mg/L	16	20
3	Total Nitrogen	APHA 4500-B	mg/L	6.6	10
4	Chemical Oxygen Demand	APHA 5220B	mg/L	31	50
5	Biological Oxygen Demand at 27°C, 3 days	IS:3025 P-44	mg/L	8.2	10
6	Ammonical Nitrogen	APHA 4500-F	mg/L	<0.1	5
7	Fecal Coliform	EPA Method 1681: 2006	MPN/100ml	62	<100

GPS – STP Inlet water :12° 57'02.147"N, 74°52'15.003"E
STP Outlet Water :12° 57'01.682"N, 74°52'14.651"E

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Report Number : VLL/VLS/24/15346/007
Issued Date : 2024.12.07
P. Order Ref : 5700335314
P.O. Date : 19.09.2024

Page 1 of 1

SAMPLE PARTICULARS

: STP OUTLET WATER

Frequency Of Sampling : One Grab sample in a Month
Month of Sampling : November 2024
Test Required : pH; Total Suspended Solids; Total Nitrogen; Chemical Oxygen Demand; Biological Oxygen Demand; Ammonical Nitrogen and Fecal Coliform.
Sample Collected On : 07.11.2024
Analysis Start Date : 09.11.2024
Analysis Completion Date : 20.11.2024
Sample collected by Vimta Labs Ltd.,

TEST REPORT

Sr.No	Parameters	Method Adopted	UoM	STP Outlet Water	KSPCB Standard
1	pH	IS:3025 P-11	--	6.97	6.5 - 9.0
2	Total Suspended Solids	IS:3025 P-17	mg/L	15	20
3	Total Nitrogen	APHA 4500-B	mg/L	7.2	10
4	Chemical Oxygen Demand	APHA 5220B	mg/L	27	50
5	Biological Oxygen Demand at 27°C, 3 days	IS:3025 P-44	mg/L	7.5	10
.6	Ammonical Nitrogen	APHA 4500-F	mg/L	<0.1	5
7	Fecal Coliform	EPA Method 1681: 2006	MPN/100ml	51	<100

GPS – STP Inlet water :12° 57'02.147"N, 74°52'15.003"E
STP Outlet Water :12° 57'01.682"N, 74°52'14.651"E

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Report Number : VLL/VLS/24/17383/007
 Issued Date : 2025.01.06
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 P.O. Date : 01.01.2025

Page 1 of 1

SAMPLE PARTICULARS : STP OUTLET WATER

Frequency Of Sampling	: One Grab sample in a Month
Month of Sampling	: December 2024
Test Required	: pH; Total Suspended Solids; Total Nitrogen; Chemical Oxygen Demand; Biological Oxygen Demand; Ammonical Nitrogen and Fecal Coliform.
Sample Collected On	: 03.12.2024
Analysis Start Date	: 05.12.2024
Analysis Completion Date	: 18.12.2024
Sample collected by Vimta Labs Ltd.,	

TEST REPORT

Sr.No	Parameters	Method Adopted	UoM	STP Outlet Water	KSPCB Standard
1	pH	IS:3025 P-11	--	7.43	6.5 - 9.0
2	Total Suspended Solids	IS:3025 P-17	mg/L	17	20
3	Total Nitrogen	APHA 4500-B	mg/L	5.4	10
4	Chemical Oxygen Demand	APHA 5220B	mg/L	33	50
5	Biological Oxygen Demand at 27°C, 3 days	IS:3025 P-44	mg/L	8.2	10
6	Ammonical Nitrogen	APHA 4500-F	mg/L	<0.1	5
7	Fecal Coliform	EPA Method 1681: 2006	MPN/100ml	63	<100

GPS – STP Inlet water :12° 57'02.147"N, 74°52'15.003"E

STP Outlet Water :12° 57'01.682"N, 74°52'14.651"E

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Report Number : VLL/VLS/24/19596/007
Issued Date : 2025.02.08
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P.O. Date : 01.01.2025

Page 1 of 1

SAMPLE PARTICULARS : STP OUTLET WATER

Frequency Of Sampling : One Grab sample in a Month
Month of Sampling : **January 2025**
Test Required : pH; Total Suspended Solids; Total Nitrogen; Chemical Oxygen Demand; Biological Oxygen Demand; Ammonical Nitrogen and Fecal Coliform.
Sample Collected On : 07.01.2025
Analysis Start Date : 09.01.2025
Analysis Completion Date : 20.01.2025
Sample collected by Vimta Labs Ltd.,

TEST REPORT

Sr.No	Parameters	Method Adopted	UoM	STP Outlet Water	KSPCB Standard
1	pH	IS:3025 P-11	--	7.52	6.5 - 9.0
2	Total Suspended Solids	IS:3025 P-17	mg/L	15	20
3	Total Nitrogen	APHA 4500-B	mg/L	8.2	10
4	Chemical Oxygen Demand	APHA 5220B	mg/L	43	50
5	Biological Oxygen Demand at 27°C, 3 days	IS:3025 P-44	mg/L	9	10
6	Ammonical Nitrogen	APHA 4500-F	mg/L	3.3	5
7	Fecal Coliform	EPA Method 1681: 2006	MPN/100ml	74	<100

GPS – STP Inlet water :12° 57'02.147"N, 74°52'15.003"E

STP Outlet Water :12° 57'01.682"N, 74°52'14.651"E

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SAMPLE PARTICULARS : STP OUTLET WATER

Frequency Of Sampling	: One Grab sample in a Month
Month of Sampling	: February 2025
Test Required	: pH; Total Suspended Solids; Total Nitrogen; Chemical Oxygen Demand; Biological Oxygen Demand; Ammonical Nitrogen and Fecal Coliform.
Sample Collected On	: 06.02.2025
Analysis Start Date	: 08.02.2025
Analysis Completion Date	: 18.02.2025
Sample collected by	Vimta Labs Ltd.,

TEST REPORT

Sr.No	Parameters	Method Adopted	UoM	STP Outlet Water	KSPCB Standard
1	pH	IS:3025 P-11	--	7.31	6.5 - 9.0
2	Total Suspended Solids	IS:3025 P-17	mg/L	18	20
3	Total Nitrogen	APHA 4500-B	mg/L	6.8	10
4	Chemical Oxygen Demand	APHA 5220B	mg/L	30	50
5	Biological Oxygen Demand at 27°C, 3 days	IS:3025 P-44	mg/L	8	10
6	Ammonical Nitrogen	APHA 4500-F	mg/L	4.1	5
7	Fecal Coliform	EPA Method 1681: 2006	MPN/100ml	62	<100

GPS – STP Inlet water :12° 57'02.147"N, 74°52'15.003"E
STP Outlet Water :12° 57'01.682"N, 74°52'14.651"E



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Issued Date : 2025.03.26
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P.O. Date : 01.01.2025

Page 1 of 1

SAMPLE PARTICULARS : STP OUTLET WATER

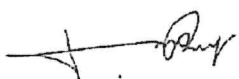
Frequency Of Sampling	: One Grab sample in a Month
Month of Sampling	: March 2025
Test Required	: pH; Total Suspended Solids; Total Nitrogen; Chemical Oxygen Demand; Biological Oxygen Demand; Ammonical Nitrogen and Fecal Coliform.
Sample Collected On	: 05.03.2025
Analysis Start Date	: 07.03.2025
Analysis Completion Date	: 18.03.2025
Sample collected by	: Vimta Labs Ltd.,

TEST REPORT

Sr.No	Parameters	Method Adopted	UoM	STP Outlet Water	KSPCB Standard
1	pH	IS:3025 P-11	--	7.33	6.5 - 9.0
2	Total Suspended Solids	IS:3025 P-17	mg/L	14	20
3	Total Nitrogen	APHA 4500-B	mg/L	3.6	10
4	Chemical Oxygen Demand	APHA 5220B	mg/L	25	50
5	Biological Oxygen Demand at 27°C, 3 days	IS:3025 P-44	mg/L	7.5	10
6	Ammonical Nitrogen	APHA 4500-F	mg/L	<1.0	5
7	Fecal Coliform	EPA Method 1681: 2006	MPN/100ml	<1.8	<100

GPS – STP Inlet water :12° 57'02.147"N, 74°52'15.003"E

STP Outlet Water :12° 57'01.682"N, 74°52'14.651"E


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Report Number : VLL/VLS/24/11223/022
Issued Date : 2024.10.15
P. Order Ref : 5700335314
P. Order Date : 09.12.2023

Page 1 of 1

SAMPLE PARTICULARS : DIESEL GENERATOR EMISSION MONITORING
PLACE OF DG SET INSTALLED : NITB Building

Sampling Date : 2024.09.25
Frequency of Monitoring : Half Yearly
Monitoring Month : September 2024
Sample Collected by Vimta Labs Ltd.

TEST REPORT

Sr. No.	PARAMETERS	Unit of Measurement	METHOD OF TESTING	DG1	DG2	DG3	DG4	* Limits
Physical Parameters								
1	Capacity	KVA	-	750	750	750	40	--
2	Stack diameter	m	-	0.3	0.3	0.3	0.1	--
3	Area of the Stack	m ²	-	0.071	0.071	0.071	0.008	--
4	Flue gas Temperature	°C	USEPA M-2	128	112	119	102	--
5	Velocity of the Flue gas	m/Sec		10.2	11.4	10.7	11.0	--
6	Volumetric Flow rate	Nm ³ /hr		2472	2762	2593	296	--
Chemical Parameters								
7	Sulphur Dioxide	mg/Nm ³	USEPA CTM30&34	7.1	5.7	6.3	4.6	--
8	Carbon Monoxide @ 15% O2	mg/Nm ³		320.23	224.53	215.79	141.74	≤ 3.5
9	Carbon Monoxide @ 15% O2	gr/kw-hr		1.055	0.827	0.746	1.049	
10	Oxides of Nitrogen@ 15% O2	mg/Nm ³		491.02	533.11	453.23	147.66	NO _x + HC ≤ 4.0
	Oxides of Nitrogen@ 15% O2	gr/kw-hr	1.618	1.963	1.567	1.093		
11	Hydro Carbons as CH ₄ @ 15% O2	mg/ Nm ³	<0.01	<0.01	<0.01	<0.01	≤ 0.2	
	Hydro Carbons as CH ₄ @ 15% O2	gr/kw-hr	<0.001	<0.001	<0.001	<0.001		
12	Particulate Matter@15% O2	mg/ Nm ³	USEPA M-5	21.74	19.93	18.57	10.14	≤ 0.2
	Particulate Matter @ 15% O2	gr/kw-hr		0.072	0.073	0.064	0.075	

*Limits as per CPCB DG Emission Notification GSR 771(E)

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P. Order Date : 09.12.2023

Page 1 of 1

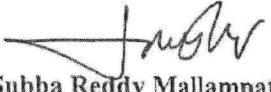
SAMPLE PARTICULARS : DIESEL GENERATOR EMISSION MONITORING
PLACE OF DG SET INSTALLED : OLD AIRPORT TERMINAL

Sampling Date : 2024.09.25 & 26
Frequency of Monitoring : Half Yearly
Monitoring Month : September 2024
Sample Collected by Vimta Labs Ltd.

TEST REPORT

Sr. No.	PARAMETERS	Unit of Measurement	METHOD OF TESTING	DG1	DG2	DG3	* Limits
Physical Parameter							
1	Capacity	KVA	-	500	250	30	--
2	Stack diameter	m	-	0.3	0.3	0.1	--
3	Area of the Stack	m ²	-	0.071	0.071	0.008	--
4	Flue gas Temperature	°C	USEPA M-2	135	122	110	--
5	Velocity of the Flue gas	m/Sec		10.8	9.6	8.3	--
6	Volumetric Flow rate	Nm ³ /hr		2617	2326	223	--
Chemical Parameters							
7	Sulphur Dioxide	mg/Nm ³	USEPA CTM30&34	6.9	5.7	4.6	--
8	Carbon Monoxide @ 15% O2	mg/Nm ³		177.94	160.91	106.53	≤ 3.5
9	Carbon Monoxide @ 15% O2	gr/kw-hr		0.931	1.497	0.793	
10	Oxides of Nitrogen@ 15% O2	mg/Nm ³		296.17	270.96	172.77	NOx + HC ≤ 4.0
	Oxides of Nitrogen@ 15% O2	gr/kw-hr		1.550	2.521	1.287	
11	Hydro Carbons as CH4@ 15% O2	mg/ Nm ³		<0.01	<0.01	<0.01	
	Hydro Carbons as CH4@ 15% O2	gr/kw-hr	<0.001	<0.001	<0.001		
12	Particulate Matter@15% O2	mg/ Nm ³	USEPA M-5	14.33	9.23	7.65	≤ 0.2
	Particulate Matter @ 15% O2	gr/kw-hr		0.075	0.086	0.057	

*Limits as per CPCB DG Emission Notification GSR 771(E)


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Report Number : VLL/VLS/24/11223/024
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Page 1 of 1


SAMPLE PARTICULARS : DIESEL GENERATOR EMISSION MONITORING
PLACE OF DG SET INSTALLED : NATS BUILDING

Sampling Date : 2024.09.25
 Frequency of Monitoring : Half Yearly
 Monitoring Month : September 2024
 Sample Collected by Vimta Labs Ltd.

TEST REPORT

Sr. No.	PARAMETERS	Unit of Measurement	METHOD OF TESTING	DG1	DG2	* Limits
Physical Parameter						
1	Capacity	KVA	-	750	750	--
2	Stack diameter	m	-	0.3	0.3	--
3	Area of the Stack	m ²	-	0.071	0.071	--
4	Flue gas Temperature	°C	USEPA M-2	122	118	--
5	Velocity of the Flue gas	m/Sec		9.5	10.2	--
6	Volumetric Flow rate	Nm ³ /hr		2302	2472	--
Chemical Parameters						
7	Sulphur Dioxide	mg/Nm ³	USEPA CTM30&34	7.1	8.6	--
8	Carbon Monoxide @ 15% O2	mg/Nm ³		316.59	346.45	≤ 3.5
9	Carbon Monoxide @ 15% O2	gr/kw-hr		0.972	1.142	
10	Oxides of Nitrogen@ 15% O2	mg/Nm ³		472.82	374.75	NOx + HC ≤ 4.0
	Oxides of Nitrogen@ 15% O2	gr/kw-hr		1.451	1.235	
11	Hydro Carbons as CH4@ 15% O2	mg/ Nm ³		<0.01	<0.01	
	Hydro Carbons as CH4@ 15% O2	gr/kw-hr	<0.001	<0.001		
12	Particulate Matter@ 15% O2	mg/ Nm ³	USEPA M-5	18.71	19.21	≤ 0.2
	Particulate Matter @ 15% O2	gr/kw-hr		0.057	0.063	

*Limits as per CPCB DG Emission Notification GSR 771(E)


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Page 1 of 1

SAMPLE PARTICULARS : DIESEL GENERATOR EMISSION MONITORING
PLACE OF DG SET INSTALLED : ASR MSSR Area

Sampling Date : 2024.09.25 & 26
Frequency of Monitoring : Half Yearly
Monitoring Month : September 2024
Sample Collected by Vimta Labs Ltd.

TEST REPORT

Sr. No.	PARAMETERS	Unit of Measurement	METHOD OF TESTING	DG1	DG2	DG3	* Limits
Physical Parameter							
1	Capacity	KVA	-	125	125	35	--
2	Stack diameter	M	-	0.3	0.3	0.1	--
3	Area of the Stack	m ²	-	0.071	0.071	0.008	--
4	Flue gas Temperature	°C	USEPA M-2	114	120	117	--
5	Velocity of the Flue gas	m/Sec		9.3	9.8	8.7	--
6	Volumetric Flow rate	Nm ³ /hr		250	264	234	--
Chemical Parameters							
7	Sulphur Dioxide	mg/Nm ³	USEPA CTM30&34	8.0	6.6	5.1	--
8	Carbon Monoxide @ 15% O2	mg/Nm ³		252.39	230.99	72.94	≤ 3.5
9	Carbon Monoxide @ 15% O2	gr/kw-hr		0.506	0.488	0.488	
10	Oxides of Nitrogen@ 15% O2	mg/Nm ³		360.79	326.91	135.81	NOx + HC ≤ 4.0
	Oxides of Nitrogen@ 15% O2	gr/kw-hr		0.723	0.690	0.909	
11	Hydro Carbons as CH4@ 15% O2	mg/ Nm ³		<0.01	<0.01	<0.01	
	Hydro Carbons as CH4@ 15% O2	gr/kw-hr	<0.001	<0.001	<0.001		
12	Particulate Matter@15% O2	mg/ Nm ³	USEPA M-5	17.70	14.47	6.48	≤ 0.2
	Particulate Matter @ 15% O2	gr/kw-hr		0.035	0.031	0.043	

*Limits as per CPCB DG Emission Notification GSR 771(E)



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P. Order Date : 01.01.2025

Page 1 of 1


SAMPLE PARTICULARS : DIESEL GENERATOR EMISSION MONITORING
PLACE OF DG SET INSTALLED : NITB Building

Sampling Date : 2025.03.22
Frequency of Monitoring : Half Yearly
Monitoring Month : March 2025
Sample Collected by Vimta Labs Ltd.

TEST REPORT

Sr. No.	PARAMETERS	Unit of Measurement	METHOD OF TESTING	DG1	DG2	DG3	DG4	* Limits
Physical Parameters								
1	Capacity	KVA	-	750	750	750	40	--
2	Stack diameter	m	-	0.3	0.3	0.3	0.1	--
3	Area of the Stack	m ²	-	0.071	0.071	0.071	0.008	--
4	Flue gas Temperature	°C	USEPA M-2	118	123	133	113	--
5	Velocity of the Flue gas	m/Sec		11.5	12.1	11.8	9.6	--
6	Volumetric Flow rate	Nm ³ /hr		2231	2317	2204	210	--
Chemical Parameters								
7	Sulphur Dioxide	mg/Nm ³	USEPA CTM30&34	3.4	7.4	5.7	3.5	--
8	Carbon Monoxide @ 15% O2	mg/Nm ³		311.26	298.69	315.81	152.11	≤ 3.5
9	Carbon Monoxide @ 15% O2	gr/kw-hr		0.926	0.923	0.928	0.797	
10	Oxides of Nitrogen@ 15% O2	mg/Nm ³		573.23	560.37	581.81	185.53	NOx + HC ≤ 4.0
	Oxides of Nitrogen@ 15% O2	gr/kw-hr		1.705	1.731	1.710	0.972	
11	Hydro Carbons as CH4@ 15% O2	mg/ Nm ³		<0.01	<0.01	<0.01	<0.01	
	Hydro Carbons as CH4@ 15% O2	gr/kw-hr	<0.001	<0.001	<0.001	<0.001		
12	Particulate Matter@15% O2	mg/ Nm ³	USEPA M-5	25.38	26.55	23.37	12.91	≤ 0.2
	Particulate Matter @ 15% O2	gr/kw-hr		0.075	0.082	0.069	0.068	

*Limits as per CPCB DG Emission Notification GSR 771(E)


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Page 1 of 1


SAMPLE PARTICULARS : DIESEL GENERATOR EMISSION MONITORING
PLACE OF DG SET INSTALLED : OLD AIRPORT TERMINAL

Sampling Date : 2025.03.22
Frequency of Monitoring : Half Yearly
Monitoring Month : March 2025
Sample Collected by Vimta Labs Ltd.

TEST REPORT

Sr. No.	PARAMETERS	Unit of Measurement	METHOD OF TESTING	DG1	DG2	DG3	* Limits
Physical Parameter							
1	Capacity	KVA	-	500	250	30	--
2	Stack diameter	m	-	0.3	0.3	0.1	--
3	Area of the Stack	m ²	-	0.071	0.071	0.008	--
4	Flue gas Temperature	⁰ C	USEPA M-2	122	135	122	--
5	Velocity of the Flue gas	m/Sec		11.7	10.4	9.4	--
6	Volumetric Flow rate	Nm ³ /hr		2246	1933	201	--
Chemical Parameters							
7	Sulphur Dioxide	mg/Nm ³	USEPA CTM30&34	5.7	4.3	3.7	--
8	Carbon Monoxide @ 15% O2	mg/Nm ³		287.80	255.14	208.53	≤ 3.5
9	Carbon Monoxide @ 15% O2	gr/kw-hr		1.293	1.973	1.394	
10	Oxides of Nitrogen@ 15% O2	mg/Nm ³		491.63	288.17	206.11	NOx + HC ≤ 4.0
	Oxides of Nitrogen@ 15% O2	gr/kw-hr		2.209	2.228	1.378	
11	Hydro Carbons as CH4@ 15% O2	mg/ Nm ³		<0.01	<0.01	<0.01	
	Hydro Carbons as CH4@ 15% O2	gr/kw-hr	<0.001	<0.001	<0.001		
12	Particulate Matter@15% O2	mg/ Nm ³	USEPA M-5	20.02	14.35	13.56	≤ 0.2
	Particulate Matter @ 15% O2	gr/kw-hr		0.090	0.111	0.091	

*Limits as per CPCB DG Emission Notification GSR 771(E)


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ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD, KENJAR HC,
KARNATAKA 574142.

Report Number : VLL/VLS/24/23968/023
Issued Date : 2025.04.08
P. Order Ref : 5700361194
P. Order Date : 01.01.2025

Page 1 of 1


SAMPLE PARTICULARS : DIESEL GENERATOR EMISSION MONITORING
PLACE OF DG SET INSTALLED : NATS BUILDING

Sampling Date : 2025.03.22
Frequency of Monitoring : Half Yearly
Monitoring Month : March 2025
Sample Collected by Vimta Labs Ltd.

TEST REPORT

Sr. No.	PARAMETERS	Unit of Measurement	METHOD OF TESTING	DG1	DG2	* Limits
Physical Parameter						
1	Capacity	KVA	-	750	750	--
2	Stack diameter	m	-	0.3	0.3	--
3	Area of the Stack	m ²	-	0.071	0.071	--
4	Flue gas Temperature	°C	USEPA M-2	124	120	--
5	Velocity of the Flue gas	m/Sec		11.4	10.8	--
6	Volumetric Flow rate	Nm ³ /hr		2178	2084	--
Chemical Parameters						
7	Sulphur Dioxide	mg/Nm ³	USEPA CTM30&34	4.3	6.0	--
8	Carbon Monoxide @ 15% O2	mg/Nm ³		377.18	357.90	≤ 3.5
9	Carbon Monoxide @ 15% O2	gr/kw-hr		1.095	0.995	
10	Oxides of Nitrogen @ 15% O2	mg/Nm ³		536.57	591.55	NOx + HC ≤ 4.0
	Oxides of Nitrogen @ 15% O2	gr/kw-hr		1.558	1.644	
11	Hydro Carbons as CH4 @ 15% O2	mg/ Nm ³		<0.01	<0.01	
	Hydro Carbons as CH4 @ 15% O2	gr/kw-hr	<0.001	<0.001		
12	Particulate Matter @ 15% O2	mg/ Nm ³	USEPA M-5	23.60	20.82	≤ 0.2
	Particulate Matter @ 15% O2	gr/kw-hr		0.069	0.058	

*Limits as per CPCB DG Emission Notification GSR 771(E)


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Report Number : VLL/VLS/24/23968/024
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P. Order Date : 01.01.2025

Page 1 of 1

SAMPLE PARTICULARS : DIESEL GENERATOR EMISSION MONITORING
PLACE OF DG SET INSTALLED : ASR MSSR Area
Sampling Date : 2025.03.22
Frequency of Monitoring : Half Yearly
Monitoring Month : March 2025
Sample Collected by Vimta Labs Ltd.

TEST REPORT

Sr. No.	PARAMETERS	Unit of Measurement	METHOD OF TESTING	DG1	DG2	* Limits
Physical Parameter						
1	Capacity	KVA	-	125	125	--
2	Stack diameter	M	-	0.3	0.3	--
3	Area of the Stack	m ²	-	0.071	0.071	--
4	Flue gas Temperature	°C	USEPA M-2	124	128	--
5	Velocity of the Flue gas	m/Sec		8.5	9.0	--
6	Volumetric Flow rate	Nm ³ /hr		1624	1702	--
Chemical Parameters						
7	Sulphur Dioxide	mg/Nm ³	USEPA CTM30&34	5.7	6.3	--
8	Carbon Monoxide @ 15% O2	mg/Nm ³		185.69	159.79	≤ 3.5
9	Carbon Monoxide @ 15% O2	gr/kw-hr		2.412	2.176	
10	Oxides of Nitrogen @ 15% O2	mg/Nm ³		168.76	170.73	NOx + HC ≤ 4.0
	Oxides of Nitrogen @ 15% O2	gr/kw-hr		2.192	2.325	
11	Hydro Carbons as CH4 @ 15% O2	mg/ Nm ³		<0.01	<0.01	
	Hydro Carbons as CH4 @ 15% O2	gr/kw-hr	<0.001	<0.001		
12	Particulate Matter @ 15% O2	mg/ Nm ³	USEPA M-5	10.54	9.83	≤ 0.2
	Particulate Matter @ 15% O2	gr/kw-hr		0.137	0.134	

*Limits as per CPCB DG Emission Notification GSR 771(E)



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