



o/c

Ref No: GIAL/CAO/F-20/11/23-24/904

28 September 2023

To,

**The Member Secretary,**

Pollution Control Board Assam,

Bamunimaidam, Guwahati – 781021

**Subject:** Submission of Environmental Statement for the financial year ending 31<sup>st</sup> March 2023 for "Lokpriya Gopinath Bordoloi International Airport" Guwahati by M/s Guwahati International Airport Limited (GIAL).

**Ref:** Consolidated Consent to Operate and Authorization (CCA) vide letter no. WB/GUW/T-4105/20-21/18/272, dated 06<sup>th</sup> May 2022

Dear Sir,

With reference to the above-mentioned subject and reference, please find enclosed the Environmental Statement in Form V prescribed under Rule 14 of the Environment (Protection) Rules 1986 for "Lokpriya Gopinath Bordoloi International Airport" in Guwahati for the financial year 2022-2023 ending on March 31st, 2023.

Kindly consider the above submission and acknowledge it.

Yours sincerely,

**Utpal Baruah**  
Chief Airport Officer  
LGBI Airport, Guwahati,



RECEIVED

Pollution Control Board, Assam  
Bamunimaidam, Guwahati-21

**Encl:** As mentioned above.

**Copy to:** Regional Officer, Regional Office, Pollution Control Board Assam, Guwahati – 781021

**Guwahati international airport limited**  
(Formerly known as Adani Guwahati International Airport Ltd.)  
Lokpriya Gopinath Bordoloi International Airport, Borjhar,  
(Opposite to Domestic Cargo Terminal)  
Guwahati- 781015  
Assam, India  
CIN:U6303GJ2019PLC110032

Tel +91 03612800911  
Email: [cao.guwahatiairport@adani.com](mailto:cao.guwahatiairport@adani.com)  
Website: [www.adani.com/lgbia-guwahati-airport](http://www.adani.com/lgbia-guwahati-airport)

**Environment Statement for 2022-23 for M/s Guwahati International Airport Ltd.**

**FORM V**  
(See Rule 14)

**Environmental Statement for the period from April 2022 to 31<sup>st</sup> March 2023**

**PART – A**

- (i) Name and address of the Owner/  
Occupier of the Industry Operation or  
Process : Mr. Utpal Baruah  
Chief Airport Officer  
Guwahati International Airport Ltd (GIAL)  
Lokpriya Gopinath Bordoloi International Airport  
Borjhar, Guwahati  
Kamrup, Assam  
781017
- (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):  
8<sup>th</sup> Oct 2021
- (v) Date of last Environment Statement  
submitted : 8<sup>th</sup> Oct 2021 to 31<sup>st</sup> March 2022

## Environment Statement for 2022-23 for M/s Guwahati International Airport Ltd.

### PART – B

#### Water and Raw Material Consumption

##### **(i) Water Consumption\***

Water Consumption Cu. Mtr./Day	216 m <sup>3</sup> /day
Process	Nil
Domestic & cooling	216 m <sup>3</sup> /day

Details	Process Water Consumption per unit of products	
	During the current financial year (2021-22)	During the current financial year (2022-23)
Water consumption per Passenger Handled*	NA	NA

\* GIAL does not carry out any manufacturing process. The water consumed was mainly in Domestic Purpose & Horticulture etc.

##### **(ii) Raw Material Consumption**

Name of Raw Material	Name of Products	Consumption of Raw Material per Unit of output	
		During the current financial year (2021-22)	During the current financial year (2022-23)
Not applicable	Not applicable	Not applicable	Not applicable

\* GIAL being an Airport Operator does not undergo any manufacturing or production.

\* The water consumed was mainly for Domestic Purpose & Horticulture etc.

**Environment Statement for 2022-23 for M/s Guwahati International Airport Ltd.**

**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		Percentage of variation from prescribed standards with reasons
	Parameters	Avg. Mass Kg/Day	Parameters	Avg.	
(a) Waste Water	pH	--	pH	--	STP of 100 KLD (MBBR) is operational at LGBIA. While STP of 1000KLD is being developed on modular basis. The treated wastewater generated from the STP is utilized for horticulture within Airport premises
	Total Suspended Solids	--	Total Suspended Solids (mg/l)	---	
	BOD (5 Days @ 20 °C)	--	BOD (5 Days @ 20°C) (mg/l)	---	
	Oil & Grease	--	Oil & Grease (mg/l)	---	
	COD	--	COD (mg/l)	---	
(b) Air					<ol style="list-style-type: none"> <li>1. . DG Sets are provided as standby power sources and used during power failure.</li> <li>2. The Height of DG Stacks as per CPCB/GPCB Standards. All the Monitored parameters are within Standards.</li> <li>3. Particulate matters value within the prescribed limits stipulated by concerned regulatory authorities.</li> <li>4. As a part of the Environment Monitoring program, DG set flue gas monitoring is being carried out half yearly.</li> <li>5. The Analysis of the D.G Set Stack Monitoring has been done in FY22-23. DG Sets Stack Emission Results is enclosed as <b><i>Annexure-1</i></b></li> </ol> <p>There is no variation from prescribed standards in terms of Air quality</p>
	Particulate Matter (PM)	--	Particulate Matter (mg/Nm <sup>3</sup> )	--	
	Sulphur Dioxide (SO <sub>2</sub> )	--	Sulphur Dioxide (PPM)	--	
	Nitrogen Oxide (NO <sub>x</sub> )	--	Nitrogen Oxide (NO <sub>x</sub> ) (PPM)	--	

**Environment Statement for 2022-23 for M/s Guwahati International Airport Ltd.**

**PART – D**

**Hazardous Wastes**

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

<b>Hazardous Wastes</b>	<b>Total Quantity (MT)</b>	
	<b>During the current financial year (2021-22)</b>	<b>During the current financial year (April-22 to March 2023)</b>
(a) From Process	1 Cat. 5.2- Used /Spent Oil – 500 lit 2 Cat. I-33.1- Empty barrels-NIL Cat I-33.2 Contaminated cotton rags or other cleaning materials- DG filter 15 nos.	1. Cat. 5.2- Used /Spent Oil – 0 lit 2. Cat. I-33.1- Empty barrels-NIL 3. Cat I-33.2 Contaminated cotton rags or other cleaning materials- 0 Nos
3 From Pollution Control facilities	Not applicable	Not applicable

**PART – E**

**Solid Waste**

<b>Solid Waste</b>	<b>Total Quantity Generated (MT/Annum)</b>	
	<b>During the current financial year (2021-22)</b>	<b>During the current financial year (2022-23)</b>
(a) From Process	Refer <i>Annexure – 2</i>	Refer <i>Annexure – 2</i>
(b) From Pollution Control facilities	Not applicable	Not applicable

## **Environment Statement for 2022-23 for M/s Guwahati International Airport Ltd.**

### **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 GIAL operation, an effective Solid Waste Management plan has been implemented at site, which includes:
  - ✓ Collection & Segregation of waste from the source,
  - ✓ Providing separate waste bins (for dry & wet waste) at all the locations including Airside , Landside & within the Terminals
  - ✓ Well demarcated four waste collection points nearby terminals, where the segregated waste is collected and from there, shifted to Waste yard situated at backend of the Airport.
  - ✓ Waste Yard with proper spacing has been provided for further segregation of Mixed Waste.
  - ✓ New Waste yard is under construction to enhance the facility.
  - ✓ COVID waste is being proper managed inline to the regulatory requirements.
  - ✓ All the waste after proper segregation is being sent to the recognized agency M/s Minakshi das enterprise for further handling.
  - ✓ Hazardous Waste at GIAL is being managed in line to the Hazardous Waste Management Rules 2016.
  
- As part of way forward Guwahati International Airport Ltd has its future plans for managing its wastes under 5 R principal and step ahead with a vision of Zero Waste to Landfill.

## **Environment Statement for 2022-23 for M/s Guwahati International Airport Ltd.**

### **PART – G**

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

- A sewage treatment plant (STP) (**Moving Bed Biofilm Reactor**) has been installed at GIAL for treating and handling the domestic sewage generated from airport premises.
- The treated wastewater generated from the STP is utilized for gardening and horticulture activity within GIAL premises to conserve freshwater consumption.

#### **Energy Savings**

- Installed **300 KWP** of solar capacity as utilization of renewable source of energy for captive use which reduces the emission of CO<sub>2</sub>.
- Procurement of 5 Nos of Electric Vehicles (2 Sedan + 3 Scotty) as of right away. By lowering our scope-1 emissions, this replacement will assist us in achieving Airport Carbon Accreditation (ACA) Level 4+ accreditation and Net Zero.
- The conventional lights have been replaced with LED lights in all the possible locations in the GIAL area which has reduced the total energy consumption.
- The temperature of the Chillers has increased from 7°C to 9°C as part of maintaining & controlling the temperature inside the Terminal.
- The number of chillers at airport premises has been reduced by combining the chiller lines of Arrival & Departure areas as part of energy conservation.
- Proactively controlled lighting systems are provided. The landside streetlights are operating on a timer basis according to the daylight.
- Sensitization of the team & continuous follow up is done for further improvising the Airport environmental & sustainability aspects.
- Timely maintenance of AHU's filters & coil, chillers, cooling towers is being carried out at GIAL. Regular monitoring is being carried out for the same.

#### **Water Conservation:**

- As part of water conservation, sensor-based water taps have been under installation in all the washrooms of the Terminal building at GIAL.
- For treatment of wastewater 100 Kld STP is installed & treated water from the STP is utilized for gardening & horticulture purpose.
- Following safeguard measures are taken for abatement of dust and noise emissions:
  - ✓ Regular cleaning of roads
  - ✓ D.G. Set having acoustic enclosures.
  - ✓ Adequate green cover of about 2 Acres has been developed.

#### **Air Management:**

- Ambient Air Quality Monitoring is being carried out by MoEF&CC & NABL accredited laboratory and all the results are observed to be within Stipulated Standards

## Environment Statement for 2022-23 for M/s Guwahati International Airport Ltd.

- Environment Monitoring for D.G Stack Flue Gas Emissions will be carried out by MoEF&CC and NABL accredited laboratory.
- 10000 saplings have been put in the terminal to improve the indoor Air quality.

### **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.**

- Non-destructive Wildlife Hazard Management techniques are being practiced at GIAL as part such as organic chemical spray to control weeds & grass.
- Airside inspection is practiced at regular intervals and accordingly the wild animals such as Jackals etc. are relocated to the safer areas (forest areas) to protect them from any accidents.
- GIAL has developed & maintained an adequate Green Belt Area and developed a closed nursery at the airport site.

### **PART – I**

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

- Monitoring of environmental parameters such as Air, Noise, wastewater, and soil quality is being done regular basis through MoEF & NABL recognized laboratory.
- AAIAL Budget for environmental management measures for the FY 2021-22 of **INR 2.4 Cr** was spent. Enclosed as Annexure-3

Date :

(Signature of a person carrying out an industry,  
operation or process)

Designation: **Chief Airport Officer**  
**Mr. Utpal Baruah**

Address: Lokpriya Gopinath Bordoloi International Airport  
Borjhar, Guwahati.



**Environment Statement for 2022-23 for M/s Guwahati International Airport Ltd.**

**ANNEXURE - 2  
Details of Waste Management of GIAL, Guwahati**

Sr. No.	Waste Description	Disposal Method	Unit	Quantity Oct 2021 (COD)-Mar22	Quantity FY 2022-23
<b>Non Hazardous</b>					
1.	Dry Waste (Recyclable waste- Metal, Wood, paper, plastic etc.)	As per Solid Waste Rules, 2016 amended till date.	Kg	18510	52764
2.	RDF (Non-Recyclable)				
3.	Organic Waste				
4.	COVID Waste				
<b>Others</b>					
1	Battery waste	Auctioned & then Recycled (send to reg. recycler)	MT	Nil	161 New Batteries 230 Nos (Buyback)

**ANNEXURE - 3  
Cost of Environmental Protection Measures of GIAL, Guwahati  
April 22 - March 23**

Activity	Cost incurred (INR in Lacs)
Cost incurred for Legal & Statutory Expenses, Environment Monitoring Services, Hazardous / Non-Hazardous Waste Management & Disposal, Environment event Celebration, Horticulture Expenses, O&M of Sewage Treatment Plant etc.	<b>2.4 Cr</b>

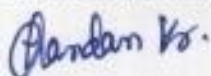
## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/0541
"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 16.05.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: HANGER DG-2
	<b>Sample Drawn On</b>	: 21.04.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/05/00293
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A. General information about stack :</b>			
1. Stack connected to	: Hanger DG-2		
2. Emission due to	: Diesel Burning		
3. Material of construction of Stack : MS			
4. Shape of Stack : Circular			
5. Whether stack is provided with permanent platform & ladder : Yes			
6. DG capacity	: DG 200 KVA		
<b>B. Physical characteristics of stack :</b>			
1. Height of the stack from ground level	: 5.0 m		
2. Diameter of the stack at sampling point	: 0.20 m		
3. Area of Stack	: 0.0314 m <sup>2</sup>		
<b>C. Analysis/Characteristic of stack:</b>	2. Fuel used : Diesel		
<b>D. Result of sampling &amp; analysis of gaseous emission</b>	<b>Result</b>	<b>Limit as per CPCB</b>	<b>Method</b>
1. Temperature of emission (0C)	64	...	USEPA Part 2, 25.09.1996
2. Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3. Velocity of gas (m/sec.)	18.02	...	USEPA Part 2, 25.09.1996
4. Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1773	...	USEPA Part 2, 25.09.1996
5. Concentration of Oxygen (%v/v)	13.4	...	IS:13270 :1992 Reaff, 2014
6. Concentration of Carbon Monoxide ( g/kW-hr)	0.232	≤ 3.5	IS:13270 :1992 Reaff, 2014
7. Concentration of Carbon Dioxide (%v/v)	5.6	...	IS:13270 :1992 Reaff, 2014
8. Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	21.9	...	USEPA Part-6, 25/09/1996
9. Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.256	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10. Concentration of Particulate matter ( g/kW-hr )	0.118	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E. Pollution control device</b>	Details of pollution control devices attached with the stack : Nil		
<b>F. Remarks :</b>	Nil		

Report Prepared By :



For Mitra S. K. Private Limited


  
Authorized Signatory

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Tel. : 91 33 40143000 / 22650006 / 22650007 Fax : 91 33 22650008  
Email : info@mitrask.com. Website: www.mitrask.com

## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/0542
"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 16.05.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: RADDAR DG-1
	<b>Sample Drawn On</b>	: 21.04.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/05/00294
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A. General information about stack :</b>			
1. Stack connected to	: RADDAR DG-1		
2. Emission due to	: Diesel Burning		
3. Material of construction of Stack : MS			
4. Shape of Stack : Circular			
5. Whether stack is provided with permanent platform & ladder : Yes			
6. DG capacity	: 320 KVA		
<b>B. Physical characteristics of stack :</b>			
1. Height of the stack from ground level	: 12.0 m		
2. Diameter of the stack at sampling point	: 0.2023 m		
3. Area of Stack	: 0.0324 m <sup>2</sup>		
<b>C. Analysis/Characteristic of stack:</b>			
3. Fuel used : Diesel			
<b>D. Result of sampling &amp; analysis of gaseous emission</b>	<b>Result</b>	<b>Limit as per CPCB</b>	<b>Method</b>
1. Temperature of emission (0C)	75	...	USEPA Part 2, 25.09.1996
2. Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3. Velocity of gas (m/sec.)	18.74	...	USEPA Part 2, 25.09.1996
4. Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1842	...	USEPA Part 2, 25.09.1996
5. Concentration of Oxygen (%v/v)	13.8	...	IS:13270 :1992 Reaff, 2014
6. Concentration of Carbon Monoxide (g/kW-hr)	0.325	≤ 3.5	IS:13270 :1992 Reaff, 2014
7. Concentration of Carbon Dioxide (%v/v)	5.6	...	IS:13270 :1992 Reaff, 2014
8. Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	24.1	...	USEPA Part-6, 25/09/1996
9. Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.362	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10. Concentration of Particulate matter (g/kW-hr)	0.174	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E. Pollution control device</b>	Details of pollution control devices attached with the stack : Nil		
<b>F. Remarks :</b>	Nil		

Report Prepared By :

*Pradip K.*

For Mitra S.K. Private Limited

*Pradip K.*  
Authorized Signatory

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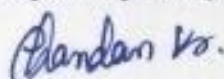
**TEST REPORT**

<b>Name &amp; Address of the Customer</b>  <b>"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report No.</b>	: MSK/GHY/2022-23/0543
	<b>Report Date</b>	: 16.05.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: RADDAR DG-2
	<b>Sample Drawn On</b>	: 21.04.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/05/00291
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

**ANALYSIS RESULT**

<b>A.</b>	<b>General information about stack :</b>		
1.	Stack connected to	: RADDAR DG-2	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack :	MS	
4.	Shape of Stack :	Circular	
5.	Whether stack is provided with permanent platform & ladder :	Yes	
6.	DG capacity	: 320 KVA	
<b>B.</b>	<b>Physical characteristics of stack :</b>		
1.	Height of the stack from ground level	: 12.0 m	
2.	Diameter of the stack at sampling point	: 0.2023 m	
3.	Area of Stack	: 0.0324 m <sup>2</sup>	
<b>C.</b>	<b>Analysis/Characteristic of stack:</b>		
	4. Fuel used : Diesel		
<b>D.</b>	<b>Result of sampling &amp; analysis of gaseous emission</b>	<b>Result</b>	<b>Limit as per CPCB</b>
			<b>Method</b>
1.	Temperature of emission (0C)	77	... USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	... USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	18.81	... USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1839	... USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	14.0	... IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.356	≤ 3.5 IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.4	... IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	28.1	... USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.389	≤ 4.0 USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.182	≤ 0.2 USEPA Part-17, 16/08/1996
<b>E.</b>	<b>Pollution control device</b>		
	Details of pollution control devices attached with the stack : Nil		
<b>F.</b>	<b>Remarks : Nil</b>		

Report Prepared By :



For Mitra S. K. Private Limited



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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/0544
"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 16.05.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-1
	<b>Sample Drawn On</b>	: 21.04.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/05/00288
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A. General information about stack :</b>			
1. Stack connected to	: POWER HOUSE DG-1		
2. Emission due to	: Diesel Burning		
3. Material of construction of Stack : MS			
4. Shape of Stack : Circular			
5. Whether stack is provided with permanent platform & ladder : Yes			
6. DG capacity	: 750 KVA		
<b>B. Physical characteristics of stack :</b>			
1. Height of the stack from ground level	: 15.0 m		
2. Diameter of the stack at sampling point	: 0.3556 m		
3. Area of Stack	: 0.0994 m <sup>2</sup>		
<b>C. Analysis/Characteristic of stack:</b>			
5. Fuel used : Diesel			
<b>D. Result of sampling &amp; analysis of gaseous emission</b>	<b>Result</b>	<b>Limit as per CPCB</b>	<b>Method</b>
1. Temperature of emission (0C)	152	...	USEPA Part 2, 25.09.1996
2. Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3. Velocity of gas (m/sec.)	20.86	...	USEPA Part 2, 25.09.1996
4. Quantity of Gas Flow (Nm <sup>3</sup> /hr)	51803	...	USEPA Part 2, 25.09.1996
5. Concentration of Oxygen (%v/v)	13.6	...	IS:13270 :1992 Reaff, 2014
6. Concentration of Carbon Monoxide ( g/kW-hr)	0.218	≤ 3.5	IS:13270 :1992 Reaff, 2014
7. Concentration of Carbon Dioxide (%v/v)	5.4	...	IS:13270 :1992 Reaff, 2014
8. Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	33.7	...	USEPA Part-6, 25/09/1996
9. Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.546	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10. Concentration of Particulate matter ( g/kW-hr )	0.132	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E. Pollution control device</b>			
Details of pollution control devices attached with the stack : Nil			
<b>F. Remarks : Nil</b>			

Report Prepared By :

*Bandan vs.*

For Mitra S. K. Private Limited

  
 Authorised Signatory

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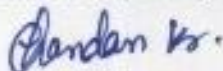
**TEST REPORT**

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/0545
"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 16.05.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-4
	<b>Sample Drawn On</b>	: 21.04.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/05/00291
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

**ANALYSIS RESULT**

<b>A. General information about stack :</b>			
1. Stack connected to	: POWER HOUSE DG-4		
2. Emission due to	: Diesel Burning		
3. Material of construction of Stack : MS			
4. Shape of Stack : Circular			
5. Whether stack is provided with permanent platform & ladder : Yes			
6. DG capacity	: 750 KVA		
<b>B. Physical characteristics of stack :</b>			
1. Height of the stack from ground level	: 15.0 m		
2. Diameter of the stack at sampling point	: 0.3556 m		
3. Area of Stack	: 0.0994 m <sup>2</sup>		
<b>C. Analysis/Characteristic of stack:</b>			
6. Fuel used : Diesel			
<b>D. Result of sampling &amp; analysis of gaseous emission</b>	<b>Result</b>	<b>Limit as per CPCB</b>	<b>Method</b>
1. Temperature of emission (0C)	159	...	USEPA Part 2, 25.09.1996
2. Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3. Velocity of gas (m/sec.)	21.04	...	USEPA Part 2, 25.09.1996
4. Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5112	...	USEPA Part 2, 25.09.1996
5. Concentration of Oxygen (%v/v)	14.0	...	IS:13270 :1992 Reaff, 2014
6. Concentration of Carbon Monoxide ( g/kW-hr)	0.257	≤ 3.5	IS:13270 :1992 Reaff, 2014
7. Concentration of Carbon Dioxide (%v/v)	5.4	...	IS:13270 :1992 Reaff, 2014
8. Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	37.8	...	USEPA Part-6, 25/09/1996
9. Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.587	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10. Concentration of Particulate matter ( g/kW-hr )	0.162	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E. Pollution control device</b>			
Details of pollution control devices attached with the stack : Nil			
<b>F. Remarks : Nil</b>			

Report Prepared By :



For Mitra S. K. Private Limited



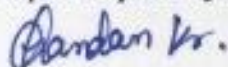
**TEST REPORT**

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/0546
"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 16.05.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-3
	<b>Sample Drawn On</b>	: 21.04.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/05/00290
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

**ANALYSIS RESULT**

<b>A. General information about stack :</b>			
1. Stack connected to	: POWER HOUSE DG-3		
2. Emission due to	: Diesel Burning		
3. Material of construction of Stack	: MS		
4. Shape of Stack	: Circular		
5. Whether stack is provided with permanent platform & ladder	: Yes		
6. DG capacity	: 750 KVA		
<b>B. Physical characteristics of stack :</b>			
1. Height of the stack from ground level	: 15.0 m		
2. Diameter of the stack at sampling point	: 0.3556 m		
3. Area of Stack	: 0.0994 m <sup>2</sup>		
<b>C. Analysis/Characteristic of stack:</b>	7. Fuel used : Diesel		
<b>D. Result of sampling &amp; analysis of gaseous emission</b>	<b>Result</b>	<b>Limit as per CPCB</b>	<b>Method</b>
1. Temperature of emission (0C)	157	...	USEPA Part 2, 25.09.1996
2. Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3. Velocity of gas (m/sec.)	20.77	...	USEPA Part 2, 25.09.1996
4. Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5072	...	USEPA Part 2, 25.09.1996
5. Concentration of Oxygen (%v/v)	13.8	...	IS:13270 :1992 Reaff, 2014
6. Concentration of Carbon Monoxide (g/kW-hr)	0.272	≤ 3.5	IS:13270 :1992 Reaff, 2014
7. Concentration of Carbon Dioxide (%v/v)	5.6	...	IS:13270 :1992 Reaff, 2014
8. Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	34.1	...	USEPA Part-6, 25/09/1996
9. Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.554	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10. Concentration of Particulate matter (g/kW-hr)	0.138	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E. Pollution control device</b>	Details of pollution control devices attached with the stack : Nil		
<b>F. Remarks</b>	: Nil		

Report Prepared By :



For Mitra S. K. Private Limited



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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/0547
<b>"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 16.05.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-2
	<b>Sample Drawn On</b>	: 21.04.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/05/00295
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A. General information about stack :</b>			
1. Stack connected to	: POWER HOUSE DG-2		
2. Emission due to	: Diesel Burning		
3. Material of construction of Stack : MS			
4. Shape of Stack : Circular			
5. Whether stack is provided with permanent platform & ladder : Yes			
6. DG capacity	: 750 KVA		
<b>B. Physical characteristics of stack :</b>			
1. Height of the stack from ground level	: 15.0 m		
2. Diameter of the stack at sampling point	: 0.3556 m		
3. Area of Stack	: 0.0994 m <sup>2</sup>		
<b>C. Analysis/Characteristic of stack:</b>			
8. Fuel used : Diesel			
<b>D. Result of sampling &amp; analysis of gaseous emission</b>	<b>Result</b>	<b>Limit as per CPCB</b>	<b>Method</b>
1. Temperature of emission (0C)	153	...	USEPA Part 2, 25.09.1996
2. Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3. Velocity of gas (m/sec.)	20.74	...	USEPA Part 2, 25.09.1996
4. Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5110	...	USEPA Part 2, 25.09.1996
5. Concentration of Oxygen (%v/v)	14.2	...	IS:13270 :1992 Reaff, 2014
6. Concentration of Carbon Monoxide (g/kW-hr)	0.274	≤ 3.5	IS:13270 :1992 Reaff, 2014
7. Concentration of Carbon Dioxide (%v/v)	5.6	...	IS:13270 :1992 Reaff, 2014
8. Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	35.8	...	USEPA Part-6, 25/09/1996
9. Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.564	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10. Concentration of Particulate matter (g/kW-hr)	0.145	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E. Pollution control device</b>			
Details of pollution control devices attached with the stack : Nil			
<b>F. Remarks : Nil</b>			

Report Prepared By :

*Aradan Sr.*

For Mitra S. K. Private Limited

*Aradan Sr.*  
Authorized Signatory

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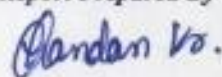
## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/0540
"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 16.05.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: HANGER DG-1
	<b>Sample Drawn On</b>	: 21.04.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/05/00292
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A. General information about stack :</b>			
1.	Stack connected to	: Hanger DG-1	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack	: MS	
4.	Shape of Stack	: Circular	
5.	Whether stack is provided with permanent platform & ladder	: Yes	
6.	DG capacity	: DG 200 KVA	
<b>B. Physical characteristics of stack :</b>			
1.	Height of the stack from ground level	: 5.0 m	
2.	Diameter of the stack at sampling point	: 0.20 m	
3.	Area of Stack	: 0.0314 m <sup>2</sup>	
<b>C. Analysis/Characteristic of stack:</b>			
1. Fuel used : Diesel			
<b>D. Result of sampling &amp; analysis of gaseous emission</b>			
		<b>Result</b>	<b>Limit as per CPCB</b>
			<b>Method</b>
1.	Temperature of emission (0C)	63	... USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	... USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	17.98	... USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1774	... USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.8	... IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.236	≤ 3.5 IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.4	... IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	24.1	... USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.258	≤ 4.0 USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.106	≤ 0.2 USEPA Part-17, 16/08/1996
<b>E. Pollution control device</b>			
Details of pollution control devices attached with the stack : Nil			
<b>F. Remarks : Nil</b>			

Report Prepared By :



For Mitra S. K. Private Limited



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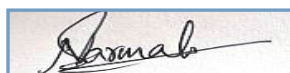
## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/0806
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 20.06.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: HANGER DG-1
	<b>Sample Drawn On</b>	: 19.05.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/06/00909
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	: Hanger DG-1		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack	: MS		
4.	Shape of Stack	: Circular		
5.	Whether stack is provided with permanent platform & ladder	: Yes		
6.	DG capacity	: DG 200 KVA		
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 5.0 m		
2.	Diameter of the stack at sampling point	: 0.20 m		
3.	Area of Stack	: 0.0314 m <sup>2</sup>		
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	1. Fuel used : Diesel			
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	<b><u>Method</u></b>
1.	Temperature of emission (OC)	64	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	17.85	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1756	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.4	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.242	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.8	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	23.5	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.252	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.114	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

Report Prepared By :



for Mitra S.K. Private Limited  
 Authorised Signatory

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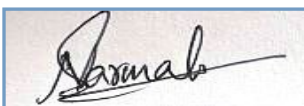
## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/0807
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 20.06.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: HANGER DG-2
	<b>Sample Drawn On</b>	: 19.05.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/06/00910
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	:	Hanger DG-2	
2.	Emission due to	:	Diesel Burning	
3.	Material of construction of Stack : MS			
4.	Shape of Stack : Circular			
5.	Whether stack is provided with permanent platform & ladder : Yes			
6.	DG capacity	:	DG 200 KVA	
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	:	5.0 m	
2.	Diameter of the stack at sampling point	:	0.20 m	
3.	Area of Stack	:	0.0314 m <sup>2</sup>	
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	2. Fuel used : Diesel			
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	<b><u>Method</u></b>
1.	Temperature of emission (OC)	62	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	18.14	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1795	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.8	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.226	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.4	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	20.7	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.252	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.116	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

Report Prepared By :



for Mitra S. K. Private Limited  
  
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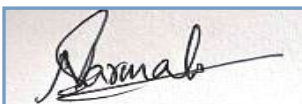
## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/0808
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 20.06.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: RADDAR DG-1
	<b>Sample Drawn On</b>	: 19.05.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/06/00907
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	: RADDAR DG-1		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack	: MS		
4.	Shape of Stack	: Circular		
5.	Whether stack is provided with permanent platform & ladder	: Yes		
6.	DG capacity	: 320 KVA		
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 12.0 m		
2.	Diameter of the stack at sampling point	: 0.2023 m		
3.	Area of Stack	: 0.0324 m <sup>2</sup>		
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	3. Fuel used	: Diesel		
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	<b><u>Method</u></b>
1.	Temperature of emission (OC)	71	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	18.58	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1848	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.6	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.321	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.4	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	23.8	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.356	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.172	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

Report Prepared By :



for Mitra S.K. Private Limited  
  
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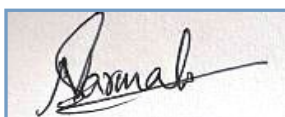
## TEST REPORT

<b>Name &amp; Address of the Customer</b>  <b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report No.</b>	: MSK/GHY/2022-23/0809
	<b>Report Date</b>	: 20.06.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: RADDAR DG-2
	<b>Sample Drawn On</b>	: 19.05.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/06/00908
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b>General information about stack :</b>			
1.	Stack connected to	: RADDAR DG-2		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack	: MS		
4.	Shape of Stack	: Circular		
5.	Whether stack is provided with permanent platform & ladder	: Yes		
6.	DG capacity	: 320 KVA		
<b>B.</b>	<b>Physical characteristics of stack :</b>			
1.	Height of the stack from ground level	: 12.0 m		
2.	Diameter of the stack at sampling point	: 0.2023 m		
3.	Area of Stack	: 0.0324 m <sup>2</sup>		
<b>C.</b>	<b>Analysis/Characteristic of stack:</b>			
	4. Fuel used	: Diesel		
<b>D.</b>	<b>Result of sampling &amp; analysis of gaseous emission</b>	<b>Result</b>	<b>Limit as per CPCB</b>	<b>Method</b>
1.	Temperature of emission (0C)	72	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	18.42	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1827	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.6	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.352	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.8	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	26.7	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.382	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.176	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b>Pollution control device</b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

Report Prepared By :



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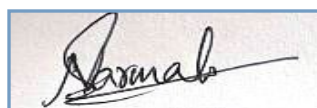
## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/0810
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 20.06.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-1
	<b>Sample Drawn On</b>	: 19.05.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/06/00903
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	: POWER HOUSE DG-1		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack	: MS		
4.	Shape of Stack	: Circular		
5.	Whether stack is provided with permanent platform & ladder	: Yes		
6.	DG capacity	: 750 KVA		
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 15.0 m		
2.	Diameter of the stack at sampling point	: 0.3556 m		
3.	Area of Stack	: 0.0994 m <sup>2</sup>		
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	5. Fuel used	: Diesel		
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	<b><u>Method</u></b>
1.	Temperature of emission (0C)	157	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	20.46	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5047	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.8	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.212	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.6	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	34.1	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.536	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.124	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

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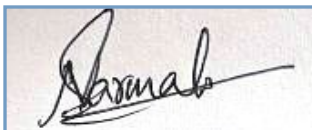
## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/0811
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 20.06.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-4
	<b>Sample Drawn On</b>	: 19.05.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/06/00906
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	: POWER HOUSE DG-4		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack	: MS		
4.	Shape of Stack	: Circular		
5.	Whether stack is provided with permanent platform & ladder	: Yes		
6.	DG capacity	: 750 KVA		
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 15.0 m		
2.	Diameter of the stack at sampling point	: 0.3556 m		
3.	Area of Stack	: 0.0994 m <sup>2</sup>		
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	6. Fuel used	: Diesel		
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	<b><u>Method</u></b>
1.	Temperature of emission (0C)	158	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	20.79	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5063	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	14.2	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.251	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.4	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	36.7	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.582	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.156	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

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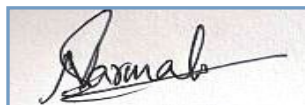
## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/0812
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 20.06.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-3
	<b>Sample Drawn On</b>	: 19.05.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/06/00905
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	: POWER HOUSE DG-3		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack : MS			
4.	Shape of Stack : Circular			
5.	Whether stack is provided with permanent platform & ladder : Yes			
6.	DG capacity	: 750 KVA		
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 15.0 m		
2.	Diameter of the stack at sampling point	: 0.3556 m		
3.	Area of Stack	: 0.0994 m <sup>2</sup>		
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	7. Fuel used : Diesel			
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	<b><u>Method</u></b>
1.	Temperature of emission (0C)	161	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	20.76	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5021	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.4	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.278	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	6.2	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	33.8	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.546	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.132	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

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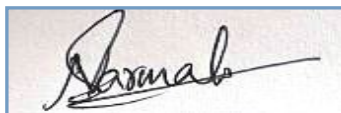
## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/0813
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 20.06.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-2
	<b>Sample Drawn On</b>	: 19.05.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/06/00904
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>		
1.	Stack connected to	: POWER HOUSE DG-2	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack	: MS	
4.	Shape of Stack	: Circular	
5.	Whether stack is provided with permanent platform & ladder	: Yes	
6.	DG capacity	: 750 KVA	
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>		
1.	Height of the stack from ground level	: 15.0 m	
2.	Diameter of the stack at sampling point	: 0.3556 m	
3.	Area of Stack	: 0.0994 m <sup>2</sup>	
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>		
	8. Fuel used	: Diesel	
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>
			<b><u>Method</u></b>
1.	Temperature of emission (OC)	159	... USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	... USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	20.25	... USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	4920	... USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	14.0	... IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.272	≤ 3.5 IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.4	... IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	35.1	... USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.562	≤ 4.0 USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.139	≤ 0.2 USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>		
	Details of pollution control devices attached with the stack : Nil		
<b>F.</b>	<b>Remarks : Nil</b>		

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/0886
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 20.07.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: HANGER DG-1
	<b>Sample Drawn On</b>	: 16.06.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/07/00480
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	: Hanger DG-1		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack : MS			
4.	Shape of Stack : Circular			
5.	Whether stack is provided with permanent platform & ladder : Yes			
6.	DG capacity	: DG 200 KVA		
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 5.0 m		
2.	Diameter of the stack at sampling point	: 0.20 m		
3.	Area of Stack	: 0.0314 m <sup>2</sup>		
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	1. Fuel used : Diesel			
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	<b><u>Method</u></b>
1.	Temperature of emission (0C)	66	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	18.79	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1838	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.6	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.248	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.6	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	23.1	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.260	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.108	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

Report Prepared By :



For Mitra S. K. Private Limited


  
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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/0887
"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 20.07.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: HANGER DG-2
	<b>Sample Drawn On</b>	: 16.06.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/07/00481
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A. General information about stack :</b>			
1. Stack connected to	: Hanger DG-2		
2. Emission due to	: Diesel Burning		
3. Material of construction of Stack	: MS		
4. Shape of Stack	: Circular		
5. Whether stack is provided with permanent platform & ladder	: Yes		
6. DG capacity	: DG 200 KVA		
<b>B. Physical characteristics of stack :</b>			
1. Height of the stack from ground level	: 5.0 m		
2. Diameter of the stack at sampling point	: 0.20 m		
3. Area of Stack	: 0.0314 m <sup>2</sup>		
<b>C. Analysis/Characteristic of stack:</b>			
2. Fuel used	: Diesel		
<b>D. Result of sampling &amp; analysis of gaseous emission</b>	<b>Result</b>	<b>Limit as per CPCB</b>	<b>Method</b>
1. Temperature of emission (0C)	69	...	USEPA Part 2, 25.09.1996
2. Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3. Velocity of gas (m/sec.)	18.66	...	USEPA Part 2, 25.09.1996
4. Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1809	...	USEPA Part 2, 25.09.1996
5. Concentration of Oxygen (%v/v)	14.0	...	IS:13270 :1992 Reaff, 2014
6. Concentration of Carbon Monoxide ( g/kW-hr)	0.221	≤ 3.5	IS:13270 :1992 Reaff, 2014
7. Concentration of Carbon Dioxide (%v/v)	5.2	...	IS:13270 :1992 Reaff, 2014
8. Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	19.6	...	USEPA Part-6, 25/09/1996
9. Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.248	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10. Concentration of Particulate matter ( g/kW-hr )	0.114	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E. Pollution control device</b>			
Details of pollution control devices attached with the stack : Nil			
<b>F. Remarks</b>	: Nil		

Report Prepared By :



For Mitra S.K. Private Limited



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## TEST REPORT

<b>Name &amp; Address of the Customer</b>  <b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report No.</b>	: MSK/GHY/2022-23/0884
	<b>Report Date</b>	: 20.07.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: RADDAR DG-1
	<b>Sample Drawn On</b>	: 16.06.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/07/00478
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>		
1.	Stack connected to	: RADDAR DG-1	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack	: MS	
4.	Shape of Stack	: Circular	
5.	Whether stack is provided with permanent platform & ladder	: Yes	
6.	DG capacity	: 320 KVA	
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>		
1.	Height of the stack from ground level	: 12.0 m	
2.	Diameter of the stack at sampling point	: 0.2023 m	
3.	Area of Stack	: 0.0324 m <sup>2</sup>	
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>		
	3. Fuel used : Diesel		
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b>Result</b>	<b>Limit as per CPCB</b>
			<b>Method</b>
1.	Temperature of emission (0C)	76	...
2.	Barometric Pressure (mm of Hg)	754	...
3.	Velocity of gas (m/sec.)	19.12	...
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1874	...
5.	Concentration of Oxygen (%v/v)	13.2	...
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.318	≤ 3.5
7.	Concentration of Carbon Dioxide (%v/v)	6.0	...
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	25.7	...
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.362	≤ 4.0
10.	Concentration of Particulate matter ( g/kW-hr )	0.184	≤ 0.2
<b>E.</b>	<b><u>Pollution control device</u></b>		
	Details of pollution control devices attached with the stack : Nil		
<b>F.</b>	<b>Remarks : Nil</b>		

Report Prepared By :

*S. K. Prasad*

For Mitra S. K. Private Limited



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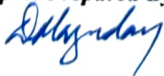
## TEST REPORT

<b>Name &amp; Address of the Customer</b>  <b>“ ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED ”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report No.</b>	: MSK/GHY/2022-23/0885
	<b>Report Date</b>	: 20.07.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: RADDAR DG-2
	<b>Sample Drawn On</b>	: 16.06.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/07/00479
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>		
1.	Stack connected to	: RADDAR DG-2	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack	: MS	
4.	Shape of Stack	: Circular	
5.	Whether stack is provided with permanent platform & ladder	: Yes	
6.	DG capacity	: 320 KVA	
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>		
1.	Height of the stack from ground level	: 12.0 m	
2.	Diameter of the stack at sampling point	: 0.2023 m	
3.	Area of Stack	: 0.0324 m <sup>2</sup>	
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>		
	4. Fuel used : Diesel		
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>
			<b><u>Method</u></b>
1.	Temperature of emission (0C)	72	...
2.	Barometric Pressure (mm of Hg)	754	...
3.	Velocity of gas (m/sec.)	18.36	...
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1821	...
5.	Concentration of Oxygen (%v/v)	13.2	...
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.346	≤ 3.5
7.	Concentration of Carbon Dioxide (%v/v)	5.4	...
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	25.7	...
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.378	≤ 4.0
10.	Concentration of Particulate matter ( g/kW-hr )	0.172	≤ 0.2
<b>E.</b>	<b><u>Pollution control device</u></b>		
	Details of pollution control devices attached with the stack : Nil		
<b>F.</b>	<b>Remarks : Nil</b>		

Report Prepared By :



For Mitra S. K. Private Limited



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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/0880
"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 20.07.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-1
	<b>Sample Drawn On</b>	: 16.06.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/07/00474
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A. General information about stack :</b>			
1. Stack connected to	: POWER HOUSE DG-1		
2. Emission due to	: Diesel Burning		
3. Material of construction of Stack	: MS		
4. Shape of Stack	: Circular		
5. Whether stack is provided with permanent platform & ladder	: Yes		
6. DG capacity	: 750 KVA		
<b>B. Physical characteristics of stack :</b>			
1. Height of the stack from ground level	: 15.0 m		
2. Diameter of the stack at sampling point	: 0.3556 m		
3. Area of Stack	: 0.0994 m <sup>2</sup>		
<b>C. Analysis/Characteristic of stack:</b>			
5. Fuel used	: Diesel		
<b>D. Result of sampling &amp; analysis of gaseous emission</b>	<b>Result</b>	<b>Limit as per CPCB</b>	<b>Method</b>
1. Temperature of emission (0C)	161	...	USEPA Part 2, 25.09.1996
2. Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3. Velocity of gas (m/sec.)	20.94	...	USEPA Part 2, 25.09.1996
4. Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5064	...	USEPA Part 2, 25.09.1996
5. Concentration of Oxygen (%v/v)	13.4	...	IS:13270 :1992 Reaff, 2014
6. Concentration of Carbon Monoxide (g/kW-hr)	0.226	≤ 3.5	IS:13270 :1992 Reaff, 2014
7. Concentration of Carbon Dioxide (%v/v)	5.8	...	IS:13270 :1992 Reaff, 2014
8. Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	32.1	...	USEPA Part-6, 25/09/1996
9. Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.526	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10. Concentration of Particulate matter (g/kW-hr)	0.118	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E. Pollution control device</b>			
Details of pollution control devices attached with the stack : Nil			
<b>F. Remarks</b>	: Nil		

Report Prepared By :



For Mitra S. K. Private Limited



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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/0883
"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 20.07.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-4
	<b>Sample Drawn On</b>	: 16.06.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/07/00477
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A. General information about stack :</b>			
1. Stack connected to	: POWER HOUSE DG-4		
2. Emission due to	: Diesel Burning		
3. Material of construction of Stack : MS			
4. Shape of Stack : Circular			
5. Whether stack is provided with permanent platform & ladder : Yes			
6. DG capacity	: 750 KVA		
<b>B. Physical characteristics of stack :</b>			
1. Height of the stack from ground level	: 15.0 m		
2. Diameter of the stack at sampling point	: 0.3556 m		
3. Area of Stack	: 0.0994 m <sup>2</sup>		
<b>C. Analysis/Characteristic of stack:</b>	6. Fuel used : Diesel		
<b>D. Result of sampling &amp; analysis of gaseous emission</b>	<b>Result</b>	<b>Limit as per CPCB</b>	<b>Method</b>
1. Temperature of emission (0C)	168	...	USEPA Part 2, 25.09.1996
2. Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3. Velocity of gas (m/sec.)	21.05	...	USEPA Part 2, 25.09.1996
4. Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5010	...	USEPA Part 2, 25.09.1996
5. Concentration of Oxygen (%v/v)	13.8	...	IS:13270 :1992 Reaff, 2014
6. Concentration of Carbon Monoxide ( g/kW-hr)	0.256	≤ 3.5	IS:13270 :1992 Reaff, 2014
7. Concentration of Carbon Dioxide (%v/v)	5.2	...	IS:13270 :1992 Reaff, 2014
8. Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	37.5	...	USEPA Part-6, 25/09/1996
9. Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.586	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10. Concentration of Particulate matter ( g/kW-hr )	0.164	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E. Pollution control device</b>	Details of pollution control devices attached with the stack : Nil		
<b>F. Remarks :</b>	Nil		

Report Prepared By :



For Mitra S. K. Private Limited



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## TEST REPORT

<b>Name &amp; Address of the Customer</b>  <b>"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report No.</b>	: MSK/GHY/2022-23/0882
	<b>Report Date</b>	: 20.07.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-3
	<b>Sample Drawn On</b>	: 16.06.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/07/00476
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b>General information about stack :</b>		
1.	Stack connected to	: POWER HOUSE DG-3	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack	: MS	
4.	Shape of Stack	: Circular	
5.	Whether stack is provided with permanent platform & ladder	: Yes	
6.	DG capacity	: 750 KVA	
<b>B.</b>	<b>Physical characteristics of stack :</b>		
1.	Height of the stack from ground level	: 15.0 m	
2.	Diameter of the stack at sampling point	: 0.3556 m	
3.	Area of Stack	: 0.0994 m <sup>2</sup>	
<b>C.</b>	<b>Analysis/Characteristic of stack:</b>		
	7. Fuel used : Diesel		
<b>D.</b>	<b>Result of sampling &amp; analysis of gaseous emission</b>	<b>Result</b>	<b>Limit as per CPCB</b>
			<b>Method</b>
1.	Temperature of emission (0C)	164	...
2.	Barometric Pressure (mm of Hg)	754	...
3.	Velocity of gas (m/sec.)	21.35	...
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5129	...
5.	Concentration of Oxygen (%v/v)	13.2	...
6.	Concentration of Carbon Monoxide (g/kW-hr)	0.284	≤ 3.5
7.	Concentration of Carbon Dioxide (%v/v)	6.0	...
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	33.1	...
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.536	≤ 4.0
10.	Concentration of Particulate matter (g/kW-hr)	0.128	≤ 0.2
<b>E.</b>	<b>Pollution control device</b>		
	Details of pollution control devices attached with the stack : Nil		
<b>F.</b>	<b>Remarks</b> : Nil		

Report Prepared By :



For Mitra S. K. Private Limited


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## TEST REPORT

<b>Name &amp; Address of the Customer</b>  <b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report No.</b>	: MSK/GHY/2022-23/0881
	<b>Report Date</b>	: 20.07.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-2
	<b>Sample Drawn On</b>	: 16.06.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/07/00475
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		


### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>		
1.	Stack connected to	: POWER HOUSE DG-2	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack : MS		
4.	Shape of Stack : Circular		
5.	Whether stack is provided with permanent platform & ladder : Yes		
6.	DG capacity	: 750 KVA	
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>		
1.	Height of the stack from ground level	: 15.0 m	
2.	Diameter of the stack at sampling point	: 0.3556 m	
3.	Area of Stack	: 0.0994 m <sup>2</sup>	
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>		
	8. Fuel used : Diesel		
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>
			<b><u>Method</u></b>
1.	Temperature of emission (0C)	158	...
2.	Barometric Pressure (mm of Hg)	754	...
3.	Velocity of gas (m/sec.)	20.48	...
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	4987	...
5.	Concentration of Oxygen (%v/v)	14.2	...
6.	Concentration of Carbon Monoxide (g/kW-hr)	0.278	≤ 3.5
7.	Concentration of Carbon Dioxide (%v/v)	5.6	...
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	37.5	...
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.572	≤ 4.0
10.	Concentration of Particulate matter (g/kW-hr)	0.146	≤ 0.2
<b>E.</b>	<b><u>Pollution control device</u></b>		
	Details of pollution control devices attached with the stack : Nil		
<b>F.</b>	<b>Remarks : Nil</b>		

Report Prepared By :



For Mitra S. K. Private Limited


  
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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/0999
"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 18.08.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: Power house DG-1
	<b>Sample Drawn On</b>	: 25.07.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/08/00339
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A. General information about stack :</b>			
1. Stack connected to	: Hanger DG-1		
2. Emission due to	: Diesel Burning		
3. Material of construction of Stack : MS			
4. Shape of Stack : Circular			
5. Whether stack is provided with permanent platform & ladder : Yes			
6. DG capacity	: DG 200 KVA		
<b>B. Physical characteristics of stack :</b>			
1. Height of the stack from ground level	: 5.0 m		
2. Diameter of the stack at sampling point	: 0.20 m		
3. Area of Stack	: 0.0314 m <sup>2</sup>		
<b>C. Analysis/Characteristic of stack:</b>			
1. Fuel used : Diesel			
<b>D. Result of sampling &amp; analysis of gaseous emission</b>	<b>Result</b>	<b>Limit as per CPCB</b>	<b>Method</b>
1. Temperature of emission (0C)	68	...	USEPA Part 2, 25.09.1996
2. Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3. Velocity of gas (m/sec.)	18.61	...	USEPA Part 2, 25.09.1996
4. Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1810	...	USEPA Part 2, 25.09.1996
5. Concentration of Oxygen (%v/v)	13.8	...	IS:13270 :1992 Reaff, 2014
6. Concentration of Carbon Monoxide ( g/kW-hr)	0.241	≤ 3.5	IS:13270 :1992 Reaff, 2014
7. Concentration of Carbon Dioxide (%v/v)	5.2	...	IS:13270 :1992 Reaff, 2014
8. Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	23.7	...	USEPA Part-6, 25/09/1996
9. Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.254	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10. Concentration of Particulate matter ( g/kW-hr )	0.102	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E. Pollution control device</b>			
Details of pollution control devices attached with the stack : Nil			
<b>F. Remarks : Nil</b>			

Report Prepared By :

*Bandan Br.*

For Mitra S. K. Private Limited

*Authorized Signatory*



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## TEST REPORT

<b>Name &amp; Address of the Customer</b>  <b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report No.</b>	: MSK/GHY/2022-23/1000
	<b>Report Date</b>	: 18.08.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: Power house DG-2
	<b>Sample Drawn On</b>	: 25.07.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/08/00340
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>		
1.	Stack connected to	: Hanger DG-2	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack	: MS	
4.	Shape of Stack	: Circular	
5.	Whether stack is provided with permanent platform & ladder	: Yes	
6.	DG capacity	: DG 200 KVA	
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>		
1.	Height of the stack from ground level	: 5.0 m	
2.	Diameter of the stack at sampling point	: 0.20 m	
3.	Area of Stack	: 0.0314 m <sup>2</sup>	
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>		
	2. Fuel used : Diesel		
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>
			<b><u>Method</u></b>
1.	Temperature of emission (0C)	71	...
2.	Barometric Pressure (mm of Hg)	754	...
3.	Velocity of gas (m/sec.)	18.85	...
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1817	...
5.	Concentration of Oxygen (%v/v)	14.2	...
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.218	≤ 3.5
7.	Concentration of Carbon Dioxide (%v/v)	5.0	...
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	19.3	...
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.242	≤ 4.0
10.	Concentration of Particulate matter ( g/kW-hr )	0.118	≤ 0.2
<b>E.</b>	<b><u>Pollution control device</u></b>		
	Details of pollution control devices attached with the stack : Nil		
<b>F.</b>	<b>Remarks : Nil</b>		

Report Prepared By :

*Chandam Kr.*

For Mitra S.K. Private Limited

*Chandam Kr.*  
Authorized Signatory

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>  <b>"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report No.</b>	: MSK/GHY/2022-23/1001
	<b>Report Date</b>	: 18.08.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: Power house DG-3
	<b>Sample Drawn On</b>	: 25.07.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/08/00341
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>		
1.	Stack connected to	: RADDAR DG-1	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack	: MS	
4.	Shape of Stack	: Circular	
5.	Whether stack is provided with permanent platform & ladder	: Yes	
6.	DG capacity	: 320 KVA	
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>		
1.	Height of the stack from ground level	: 12.0 m	
2.	Diameter of the stack at sampling point	: 0.2023 m	
3.	Area of Stack	: 0.0324 m <sup>2</sup>	
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>		
	3. Fuel used : Diesel		
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>
			<b><u>Method</u></b>
1.	Temperature of emission (0C)	78	...
2.	Barometric Pressure (mm of Hg)	754	...
3.	Velocity of gas (m/sec.)	18.47	...
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1801	...
5.	Concentration of Oxygen (%v/v)	13.4	...
6.	Concentration of Carbon Monoxide (g/kW-hr)	0.312	≤ 3.5
7.	Concentration of Carbon Dioxide (%v/v)	6.2	...
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	24.7	...
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.356	≤ 4.0
10.	Concentration of Particulate matter (g/kW-hr)	0.182	≤ 0.2
<b>E.</b>	<b><u>Pollution control device</u></b>		
	Details of pollution control devices attached with the stack : Nil		
<b>F.</b>	<b>Remarks : Nil</b>		

Report Prepared By :



For Mitra S. K. Private Limited


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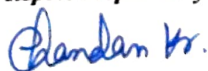
## TEST REPORT

<b>Name &amp; Address of the Customer</b>  <b>"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report No.</b>	: MSK/GHY/2022-23/1002
	<b>Report Date</b>	: 18.08.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: Power house DG-4
	<b>Sample Drawn On</b>	: 25.07.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/08/00342
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>		
1.	Stack connected to	: RADDAR DG-2	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack	: MS	
4.	Shape of Stack	: Circular	
5.	Whether stack is provided with permanent platform & ladder	: Yes	
6.	DG capacity	: 320 KVA	
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>		
1.	Height of the stack from ground level	: 12.0 m	
2.	Diameter of the stack at sampling point	: 0.2023 m	
3.	Area of Stack	: 0.0324 m <sup>2</sup>	
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>		
	4.	Fuel used : Diesel	
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>
			<b><u>Method</u></b>
1.	Temperature of emission (0C)	79	...
2.	Barometric Pressure (mm of Hg)	754	...
3.	Velocity of gas (m/sec.)	18.87	...
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1834	...
5.	Concentration of Oxygen (%v/v)	13.6	...
6.	Concentration of Carbon Monoxide (g/kW-hr)	0.339	≤ 3.5
7.	Concentration of Carbon Dioxide (%v/v)	5.8	...
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	25.4	...
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.372	≤ 4.0
10.	Concentration of Particulate matter (g/kW-hr)	0.168	≤ 0.2
<b>E.</b>	<b><u>Pollution control device</u></b>		
	Details of pollution control devices attached with the stack : Nil		
<b>F.</b>	<b>Remarks : Nil</b>		

Report Prepared By :



For Mitra S. K. Private Limited


 Authorized Signatory

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1003
<b>" ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED "</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 18.08.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: Radar DG-1
	<b>Sample Drawn On</b>	: 25.07.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/08/00343
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		


### ANALYSIS RESULT

<b>A. General information about stack :</b>			
1.	Stack connected to	: POWER HOUSE DG-1	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack	: MS	
4.	Shape of Stack	: Circular	
5.	Whether stack is provided with permanent platform & ladder	: Yes	
6.	DG capacity	: 750 KVA	
<b>B. Physical characteristics of stack :</b>			
1.	Height of the stack from ground level	: 15.0 m	
2.	Diameter of the stack at sampling point	: 0.3556 m	
3.	Area of Stack	: 0.0994 m <sup>2</sup>	
<b>C. Analysis/Characteristic of stack:</b>			
5.	Fuel used	: Diesel	
<b>D. Result of sampling &amp; analysis of gaseous emission</b>			
		<b>Result</b>	<b>Limit as per CPCB</b>
			<b>Method</b>
1.	Temperature of emission (0C)	161	...
2.	Barometric Pressure (mm of Hg)	754	...
3.	Velocity of gas (m/sec.)	21.54	...
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5210	...
5.	Concentration of Oxygen (%v/v)	13.8	...
6.	Concentration of Carbon Monoxide (g/kW-hr)	0.221	≤ 3.5
7.	Concentration of Carbon Dioxide (%v/v)	5.4	...
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	30.7	...
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.518	≤ 4.0
10.	Concentration of Particulate matter (g/kW-hr)	0.112	≤ 0.2
<b>E. Pollution control device</b>			
Details of pollution control devices attached with the stack : Nil			
<b>F. Remarks : Nil</b>			

Report Prepared By :



For Mitra S. K. Private Limited


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**Head Office: Shrachi Centre (5th floor), 74B, A.J.C. Bose Road, Kolkata - 700 016, West Bengal, India.**  
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**Email : info@mitrask.com. Website: www.mitrask.com**

## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1004
"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"	<b>Report Date</b>	: 18.08.2022
Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: Radar DG-2
	<b>Sample Drawn On</b>	: 25.07.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/08/00344
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A. <u>General information about stack :</u></b>			
1.	Stack connected to	: POWER HOUSE DG-4	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack : MS		
4.	Shape of Stack : Circular		
5.	Whether stack is provided with permanent platform & ladder : Yes		
6.	DG capacity	: 750 KVA	
<b>B. <u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 15.0 m	
2.	Diameter of the stack at sampling point	: 0.3556 m	
3.	Area of Stack	: 0.0994 m <sup>2</sup>	
<b>C. <u>Analysis/Characteristic of stack:</u></b>			
	6. Fuel used : Diesel		
<b>D. <u>Result of sampling &amp; analysis of gaseous emission</u></b>			
		<b>Result</b>	<b>Limit as per CPCB</b>
			<b>Method</b>
1.	Temperature of emission (0C)	176	...
2.	Barometric Pressure (mm of Hg)	754	...
3.	Velocity of gas (m/sec.)	21.64	...
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5060	...
5.	Concentration of Oxygen (%v/v)	14.0	...
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.251	≤ 3.5
7.	Concentration of Carbon Dioxide (%v/v)	5.4	...
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	37.1	...
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.578	≤ 4.0
10.	Concentration of Particulate matter ( g/kW-hr )	0.160	≤ 0.2
<b>E. <u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil		
<b>F. <u>Remarks</u> : Nil</b>			

Report Prepared By :

*Chandan Kr.*

For Mitra S. K. Private Limited

*Chandan Kr.*  
Authorized Signatory

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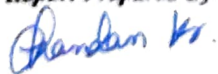
## TEST REPORT

<b>Name &amp; Address of the Customer</b>  <b>"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report No.</b>	: MSK/GHY/2022-23/1005
	<b>Report Date</b>	: 18.08.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: Hanger DG-1
	<b>Sample Drawn On</b>	: 25.07.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/08/00345
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>		
1.	Stack connected to	: POWER HOUSE DG-3	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack : MS		
4.	Shape of Stack : Circular		
5.	Whether stack is provided with permanent platform & ladder : Yes		
6.	DG capacity	: 750 KVA	
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>		
1.	Height of the stack from ground level	: 15.0 m	
2.	Diameter of the stack at sampling point	: 0.3556 m	
3.	Area of Stack	: 0.0994 m <sup>2</sup>	
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>		
	7. Fuel used : Diesel		
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>
			<b><u>Method</u></b>
1.	Temperature of emission (0C)	172	...
2.	Barometric Pressure (mm of Hg)	754	...
3.	Velocity of gas (m/sec.)	21.34	...
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5035	...
5.	Concentration of Oxygen (%v/v)	13.4	...
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.276	≤ 3.5
7.	Concentration of Carbon Dioxide (%v/v)	6.2	...
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	32.8	...
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.526	≤ 4.0
10.	Concentration of Particulate matter ( g/kW-hr )	0.124	≤ 0.2
<b>E.</b>	<b><u>Pollution control device</u></b>		
	Details of pollution control devices attached with the stack : Nil		
<b>F.</b>	<b>Remarks</b> Nil		

Report Prepared By :



For Mitra S. K. Private Limited


  
 Authorized Signatory

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1006
"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 18.08.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: Hanger DG-2
	<b>Sample Drawn On</b>	: 25.07.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/08/00346
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	: POWER HOUSE DG-2		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack	: MS		
4.	Shape of Stack	: Circular		
5.	Whether stack is provided with permanent platform & ladder	: Yes		
6.	DG capacity	: 750 KVA		
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 15.0 m		
2.	Diameter of the stack at sampling point	: 0.3556 m		
3.	Area of Stack	: 0.0994 m <sup>2</sup>		
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	8. Fuel used : Diesel			
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b>Result</b>	<b>Limit as per CPCB</b>	
			<b>Method</b>	
1.	Temperature of emission (0C)	168	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	20.92	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	4980	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	14.0	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.272	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.4	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	36.5	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.568	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.142	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

Report Prepared By :



For Mitra S. K. Private Limited



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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1082
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 12.09.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-1
	<b>Sample Drawn On</b>	: 29.08.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/09/00251
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>		
1.	Stack connected to	: POWER HOUSE DG-1	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack	: MS	
4.	Shape of Stack	: Circular	
5.	Whether stack is provided with permanent platform & ladder	: Yes	
6.	DG capacity	: 750 KVA	
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>		
1.	Height of the stack from ground level	: 15.0 m	
2.	Diameter of the stack at sampling point	: 0.3556 m	
3.	Area of Stack	: 0.0994 m <sup>2</sup>	
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>		
	5. Fuel used : Diesel		
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>
			<b><u>Method</u></b>
1.	Temperature of emission (0C)	163	...
2.	Barometric Pressure (mm of Hg)	754	...
3.	Velocity of gas (m/sec.)	20.96	...
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5151	...
5.	Concentration of Oxygen (%v/v)	13.6	...
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.224	≤ 3.5
7.	Concentration of Carbon Dioxide (%v/v)	5.8	...
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	32.5	...
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.514	≤ 4.0
10.	Concentration of Particulate matter ( g/kW-hr )	0.116	≤ 0.2
<b>E.</b>	<b><u>Pollution control device</u></b>		
	Details of pollution control devices attached with the stack : Nil		
<b>F.</b>	Remarks : Nil		

Report Prepared By :

*Chandan Sr.*

For Mitra S. K. Private Limited

*Authorized Signatory*

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1083
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 12.09.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-2
	<b>Sample Drawn On</b>	: 29.08.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/09/00252
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

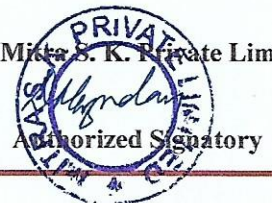
### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	: POWER HOUSE DG-2		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack : MS			
4.	Shape of Stack : Circular			
5.	Whether stack is provided with permanent platform & ladder : Yes			
6.	DG capacity	: 750 KVA		
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 15.0 m		
2.	Diameter of the stack at sampling point	: 0.3556 m		
3.	Area of Stack	: 0.0994 m <sup>2</sup>		
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	8. Fuel used : Diesel			
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	<b><u>Method</u></b>
1.	Temperature of emission (0C)	148	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	20.21	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5041	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	14.2	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.278	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.6	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	37.2	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.564	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.146	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	Remarks : Nil			

Report Prepared By :

*Pranab Br.*

For Mitra S. K. Private Limited



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**TEST REPORT**

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1084
"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 12.09.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-3
	<b>Sample Drawn On</b>	: 29.08.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/09/00253
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

**ANALYSIS RESULT**

<b>A.</b>	<b>General information about stack :</b>		
1.	Stack connected to	: POWER HOUSE DG-3	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack : MS		
4.	Shape of Stack : Circular		
5.	Whether stack is provided with permanent platform & ladder : Yes		
6.	DG capacity	: 750 KVA	
<b>B.</b>	<b>Physical characteristics of stack :</b>		
1.	Height of the stack from ground level	: 15.0 m	
2.	Diameter of the stack at sampling point	: 0.3556 m	
3.	Area of Stack	: 0.0994 m <sup>2</sup>	
<b>C.</b>	<b>Analysis/Characteristic of stack:</b>		
	7. Fuel used : Diesel		
<b>D.</b>	<b>Result of sampling &amp; analysis of gaseous emission</b>	<b>Result</b>	<b>Limit as per CPCB</b>
			<b>Method</b>
1.	Temperature of emission (0C)	169	...
2.	Barometric Pressure (mm of Hg)	754	...
3.	Velocity of gas (m/sec.)	21.31	...
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5063	...
5.	Concentration of Oxygen (%v/v)	13.8	...
6.	Concentration of Carbon Monoxide (g/kW-hr)	0.284	≤ 3.5
7.	Concentration of Carbon Dioxide (%v/v)	6.0	...
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	31.7	...
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.518	≤ 4.0
10.	Concentration of Particulate matter (g/kW-hr)	0.121	≤ 0.2
<b>E.</b>	<b>Pollution control device</b>		
	Details of pollution control devices attached with the stack : Nil		
<b>F.</b>	<b>Remarks : Nil</b>		

Report Prepared By :



For Mitra S. K. Private Limited



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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1085
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 12.09.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-4
	<b>Sample Drawn On</b>	: 29.08.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/09/00254
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b>General information about stack :</b>			
1.	Stack connected to	:	POWER HOUSE DG-4	
2.	Emission due to	:	Diesel Burning	
3.	Material of construction of Stack : MS			
4.	Shape of Stack : Circular			
5.	Whether stack is provided with permanent platform & ladder : Yes			
6.	DG capacity	:	750 KVA	
<b>B.</b>	<b>Physical characteristics of stack :</b>			
1.	Height of the stack from ground level	:	15.0 m	
2.	Diameter of the stack at sampling point	:	0.3556 m	
3.	Area of Stack	:	0.0994 m <sup>2</sup>	
<b>C.</b>	<b>Analysis/Characteristic of stack:</b>			
	6. Fuel used : Diesel			
<b>D.</b>	<b>Result of sampling &amp; analysis of gaseous emission</b>	<b>Result</b>	<b>Limit as per CPCB</b>	<b>Method</b>
1.	Temperature of emission (0C)	173	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	21.58	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5079	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.8	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.257	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.6	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	39.2	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.574	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.152	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b>Pollution control device</b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

Report Prepared By :

*Chandan K.*

For Mitra S.K. Private Limited

Authorized Signatory

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>  <b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report No.</b>	: MSK/GHY/2022-23/1086
	<b>Report Date</b>	: 12.09.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: RADDAR DG-1
	<b>Sample Drawn On</b>	: 29.08.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/09/00255
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		


### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	: RADDAR DG-1		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack	: MS		
4.	Shape of Stack	: Circular		
5.	Whether stack is provided with permanent platform & ladder	: Yes		
6.	DG capacity	: 320 KVA		
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 12.0 m		
2.	Diameter of the stack at sampling point	: 0.2023 m		
3.	Area of Stack	: 0.0324 m <sup>2</sup>		
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	3. Fuel used : Diesel			
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	<b><u>Method</u></b>
1.	Temperature of emission (0C)	78	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	18.81	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1833	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.6	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide (g/kW-hr)	0.318	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	6.0	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	24.1	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.352	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter (g/kW-hr)	0.178	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

Report Prepared By :



For Mitra S. K. Private Limited


  
 Authorized Signatory

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1087
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 12.09.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: RADDAR DG-2
	<b>Sample Drawn On</b>	: 29.08.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/09/00256
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A. General information about stack :</b>			
1. Stack connected to	: RADDAR DG-2		
2. Emission due to	: Diesel Burning		
3. Material of construction of Stack	: MS		
4. Shape of Stack	: Circular		
5. Whether stack is provided with permanent platform & ladder	: Yes		
6. DG capacity	: 320 KVA		
<b>B. Physical characteristics of stack :</b>			
1. Height of the stack from ground level	: 12.0 m		
2. Diameter of the stack at sampling point	: 0.2023 m		
3. Area of Stack	: 0.0324 m <sup>2</sup>		
<b>C. Analysis/Characteristic of stack:</b>	4. Fuel used : Diesel		
<b>D. Result of sampling &amp; analysis of gaseous emission</b>	<b>Result</b>	<b>Limit as per CPCB</b>	<b>Method</b>
1. Temperature of emission (0C)	76	...	USEPA Part 2, 25.09.1996
2. Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3. Velocity of gas (m/sec.)	18.45	...	USEPA Part 2, 25.09.1996
4. Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1809	...	USEPA Part 2, 25.09.1996
5. Concentration of Oxygen (%v/v)	13.4	...	IS:13270 :1992 Reaff, 2014
6. Concentration of Carbon Monoxide (g/kW-hr)	0.342	≤ 3.5	IS:13270 :1992 Reaff, 2014
7. Concentration of Carbon Dioxide (%v/v)	5.6	...	IS:13270 :1992 Reaff, 2014
8. Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	24.7	...	USEPA Part-6, 25/09/1996
9. Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.358	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10. Concentration of Particulate matter (g/kW-hr)	0.162	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E. Pollution control device</b>	Details of pollution control devices attached with the stack : Nil		
<b>F. Remarks</b>	: Nil		

Report Prepared By :



For Mitra S.K. Private Limited


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## TEST REPORT

<b>Name &amp; Address of the Customer</b>  <b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report No.</b>	: MSK/GHY/2022-23/1088
	<b>Report Date</b>	: 12.09.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: HANGER DG-1
	<b>Sample Drawn On</b>	: 29.08.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/09/00257
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>		
1.	Stack connected to	: Hanger DG-1	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack : MS		
4.	Shape of Stack : Circular		
5.	Whether stack is provided with permanent platform & ladder : Yes		
6.	DG capacity	: DG 200 KVA	
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>		
1.	Height of the stack from ground level	: 5.0 m	
2.	Diameter of the stack at sampling point	: 0.20 m	
3.	Area of Stack	: 0.0314 m <sup>2</sup>	
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>		
	1. Fuel used : Diesel		
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>
			<b><u>Method</u></b>
1.	Temperature of emission (0C)	66	...
2.	Barometric Pressure (mm of Hg)	754	...
3.	Velocity of gas (m/sec.)	18.40	...
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1800	...
5.	Concentration of Oxygen (%v/v)	14.0	...
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.236	≤ 3.5
7.	Concentration of Carbon Dioxide (%v/v)	5.4	...
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	25.2	...
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.248	≤ 4.0
10.	Concentration of Particulate matter ( g/kW-hr )	0.106	≤ 0.2
<b>E.</b>	<b><u>Pollution control device</u></b>		
	Details of pollution control devices attached with the stack : Nil		
<b>F.</b>	<b>Remarks : Nil</b>		

Report Prepared By :

*Chandan B.*

For Mitra S. K. Private Limited

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1089
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 12.09.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: HANGER DG-2
	<b>Sample Drawn On</b>	: 29.08.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/09/00258
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	: Hanger DG-2		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack : MS			
4.	Shape of Stack : Circular			
5.	Whether stack is provided with permanent platform & ladder : Yes			
6.	DG capacity	: DG 200 KVA		
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 5.0 m		
2.	Diameter of the stack at sampling point	: 0.20 m		
3.	Area of Stack	: 0.0314 m <sup>2</sup>		
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	2. Fuel used : Diesel			
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	<b><u>Method</u></b>
1.	Temperature of emission (0C)	68	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	18.54	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1803	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.8	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.214	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.4	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	19.1	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.238	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.112	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

Report Prepared By :

*Pradman Kr.*

For Mitra S. K. Private Limited



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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1234
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 18.10.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: HANGER DG-1
	<b>Sample Drawn On</b>	: 19.09.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/10/00857
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	: Hanger DG-1		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack	: MS		
4.	Shape of Stack	: Circular		
5.	Whether stack is provided with permanent platform & ladder	: Yes		
6.	DG capacity	: DG 200 KVA		
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 5.0 m		
2.	Diameter of the stack at sampling point	: 0.20 m		
3.	Area of Stack	: 0.0314 m <sup>2</sup>		
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	1. Fuel used : Diesel			
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	<b><u>Method</u></b>
1.	Temperature of emission (0C)	55	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	14.43	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1458	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	14.2	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.243	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.2	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	25.7	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.251	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.109	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

Report Prepared By :

For Mitra S. K. Private Limited

Authorized Signatory

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1235
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 18.10.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: HANGER DG-2
	<b>Sample Drawn On</b>	: 19.09.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/10/00858
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	: Hanger DG-2		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack	: MS		
4.	Shape of Stack	: Circular		
5.	Whether stack is provided with permanent platform & ladder	: Yes		
6.	DG capacity	: DG 200 KVA		
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 5.0 m		
2.	Diameter of the stack at sampling point	: 0.20 m		
3.	Area of Stack	: 0.0314 m <sup>2</sup>		
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	2. Fuel used : Diesel			
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	<b><u>Method</u></b>
1.	Temperature of emission (0C)	61	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	15.14	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1502	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.6	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.217	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.8	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	19.6	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.212	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.110	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

Report Prepared By :

For Mitra S. K. Private Limited

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1236
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 18.10.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: RADDAR DG-1
	<b>Sample Drawn On</b>	: 19.09.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/10/00859
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	: RADDAR DG-1		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack	: MS		
4.	Shape of Stack	: Circular		
5.	Whether stack is provided with permanent platform & ladder	: Yes		
6.	DG capacity	: 320 KVA		
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 12.0 m		
2.	Diameter of the stack at sampling point	: 0.2023 m		
3.	Area of Stack	: 0.0324 m <sup>2</sup>		
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	3. Fuel used	: Diesel		
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	<b><u>Method</u></b>
1.	Temperature of emission (0C)	69	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	13.62	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1361	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.8	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.322	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.6	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	25.7	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.378	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.116	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

Report Prepared By :

For Mitra S. K. Private Limited

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1237
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar,Guwahati,Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 18.10.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: RADDAR DG-2
	<b>Sample Drawn On</b>	: 19.09.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/10/00860
<b>Reference No.&amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	:	RADDAR DG-2	
2.	Emission due to	:	Diesel Burning	
3.	Material of construction of Stack : MS			
4.	Shape of Stack : Circular			
5.	Whether stack is provided with permanent platform & ladder : Yes			
6.	DG capacity	:	320 KVA	
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	:	12.0 m	
2.	Diameter of the stack at sampling point	:	0.2023 m	
3.	Area of Stack	:	0.0324 m <sup>2</sup>	
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	4. Fuel used :Diesel			
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	<b><u>Method</u></b>
1.	Temperature of emission (0C)	71	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	14.30	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1421	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.6	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.352	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.8	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	25.1	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.354	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.118	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

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For Mitra S. K. Private Limited

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	<b>: MSK/GHY/2022-23/1238</b>
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar,Guwahati,Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	<b>: 18.10.2022</b>
	<b>Nature of Sample</b>	<b>: Stack Emission</b>
	<b>Sample Mark</b>	<b>: POWER HOUSE DG-1</b>
	<b>Sample Drawn On</b>	<b>: 19.09.2022</b>
	<b>Sample Number</b>	<b>: MSKGL/ED/2022-23/10/00861</b>
<b>Reference No.&amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>		
1.	Stack connected to	: POWER HOUSE DG-1	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack	: MS	
4.	Shape of Stack	: Circular	
5.	Whether stack is provided with permanent platform & ladder	: Yes	
6.	DG capacity	: 750 KVA	
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>		
1.	Height of the stack from ground level	: 15.0 m	
2.	Diameter of the stack at sampling point	: 0.3556 m	
3.	Area of Stack	: 0.0994 m <sup>2</sup>	
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>		
	5. Fuel used :Diesel		
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>
			<b><u>Method</u></b>
1.	Temperature of emission (0C)	147	...
2.	Barometric Pressure (mm of Hg)	754	...
3.	Velocity of gas (m/sec.)	19.84	...
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	4958	...
5.	Concentration of Oxygen (%v/v)	13.4	...
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.232	<b>≤ 3.5</b>
7.	Concentration of Carbon Dioxide (%v/v)	6.0	...
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	33.7	...
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.628	<b>≤ 4.0</b>
10.	Concentration of Particulate matter ( g/kW-hr )	0.122	<b>≤ 0.2</b>
<b>E.</b>	<b><u>Pollution control device</u></b>		
	Details of pollution control devices attached with the stack : Nil		
<b>F.</b>	<b>Remarks : Nil</b>		

Report Prepared By :

For Mitra S. K. Private Limited

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1241
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 18.10.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-4
	<b>Sample Drawn On</b>	: 19.09.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/10/00864
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	: POWER HOUSE DG-4		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack : MS			
4.	Shape of Stack : Circular			
5.	Whether stack is provided with permanent platform & ladder : Yes			
6.	DG capacity	: 750 KVA		
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 15.0 m		
2.	Diameter of the stack at sampling point	: 0.3556 m		
3.	Area of Stack	: 0.0994 m <sup>2</sup>		
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	6. Fuel used : Diesel			
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	<b><u>Method</u></b>
1.	Temperature of emission (0C)	149	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	19.09	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	4747	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.6	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.263	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.8	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	39.7	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.581	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.159	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

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For Mitra S. K. Private Limited

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1240
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar,Guwahati,Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 18.10.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-3
	<b>Sample Drawn On</b>	: 19.09.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/10/00862
<b>Reference No.&amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>		
1.	Stack connected to	: POWER HOUSE DG-3	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack : MS		
4.	Shape of Stack : Circular		
5.	Whether stack is provided with permanent platform & ladder : Yes		
6.	DG capacity	: 750 KVA	
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>		
1.	Height of the stack from ground level	: 15.0 m	
2.	Diameter of the stack at sampling point	: 0.3556 m	
3.	Area of Stack	: 0.0994 m <sup>2</sup>	
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>		
	7. Fuel used :Diesel		
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b>Result</b>	<b>Limit as per CPCB</b>
			<b>Method</b>
1.	Temperature of emission (0C)	143	... USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	... USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	17.31	... USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	4366	... USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.4	... IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.296	≤ 3.5 IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	6.2	... IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	32.5	... USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.524	≤ 4.0 USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.127	≤ 0.2 USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>		
	Details of pollution control devices attached with the stack : Nil		
<b>F.</b>	<b>Remarks : Nil</b>		

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	<b>: MSK/GHY/2022-23/1239</b>
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	<b>: 18.10.2022</b>
	<b>Nature of Sample</b>	<b>: Stack Emission</b>
	<b>Sample Mark</b>	<b>: POWER HOUSE DG-2</b>
	<b>Sample Drawn On</b>	<b>: 19.09.2022</b>
	<b>Sample Number</b>	<b>: MSKGL/ED/2022-23/10/00862</b>
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	: POWER HOUSE DG-2		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack	: MS		
4.	Shape of Stack	: Circular		
5.	Whether stack is provided with permanent platform & ladder	: Yes		
6.	DG capacity	: 750 KVA		
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 15.0 m		
2.	Diameter of the stack at sampling point	: 0.3556 m		
3.	Area of Stack	: 0.0994 m <sup>2</sup>		
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	8. Fuel used : Diesel			
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	
			<b><u>Method</u></b>	
1.	Temperature of emission (0C)	151	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	20.39	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5048	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	14.0	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.284	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.8	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	38.1	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.572	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.152	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1326
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 25.10.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: HANGER DG-1
	<b>Sample Drawn On</b>	: 20.10.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/10/01297
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	: Hanger DG-1		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack	: MS		
4.	Shape of Stack	: Circular		
5.	Whether stack is provided with permanent platform & ladder	: Yes		
6.	DG capacity	: DG 200 KVA		
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 5.0 m		
2.	Diameter of the stack at sampling point	: 0.20 m		
3.	Area of Stack	: 0.0314 m <sup>2</sup>		
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	1. Fuel used : Diesel			
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	<b><u>Method</u></b>
1.	Temperature of emission (0C)	67	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	18.65	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1819	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.4	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.237	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.6	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	25.1	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.263	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.103	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

Report Prepared By :

For Mitra S. K. Private Limited

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1327
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 25.10.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: HANGER DG-2
	<b>Sample Drawn On</b>	: 20.10.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/10/01298
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	: Hanger DG-2		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack	: MS		
4.	Shape of Stack	: Circular		
5.	Whether stack is provided with permanent platform & ladder	: Yes		
6.	DG capacity	: DG 200 KVA		
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 5.0 m		
2.	Diameter of the stack at sampling point	: 0.20 m		
3.	Area of Stack	: 0.0314 m <sup>2</sup>		
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	2. Fuel used : Diesel			
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	<b><u>Method</u></b>
1.	Temperature of emission (0C)	64	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	18.51	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1821	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.2	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.213	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.4	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	19.2	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.218	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.118	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

Report Prepared By :

For Mitra S. K. Private Limited

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1324
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 25.10.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: RADDAR DG-1
	<b>Sample Drawn On</b>	: 20.10.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/10/01295
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	: RADDAR DG-1		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack : MS			
4.	Shape of Stack : Circular			
5.	Whether stack is provided with permanent platform & ladder : Yes			
6.	DG capacity	: 320 KVA		
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 12.0 m		
2.	Diameter of the stack at sampling point	: 0.2023 m		
3.	Area of Stack	: 0.0324 m <sup>2</sup>		
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	3. Fuel used : Diesel			
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	<b><u>Method</u></b>
1.	Temperature of emission (0C)	77	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	17.89	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1749	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.2	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.334	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.8	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	26.1	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.369	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.125	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

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For Mitra S. K. Private Limited

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1325
“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 25.10.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: RADDAR DG-2
	<b>Sample Drawn On</b>	: 20.10.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/10/01296
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b>General information about stack :</b>			
1.	Stack connected to	: RADDAR DG-2		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack : MS			
4.	Shape of Stack : Circular			
5.	Whether stack is provided with permanent platform & ladder : Yes			
6.	DG capacity	: 320 KVA		
<b>B.</b>	<b>Physical characteristics of stack :</b>			
1.	Height of the stack from ground level	: 12.0 m		
2.	Diameter of the stack at sampling point	: 0.2023 m		
3.	Area of Stack	: 0.0324 m <sup>2</sup>		
<b>C.</b>	<b>Analysis/Characteristic of stack:</b>			
	4. Fuel used : Diesel			
<b>D.</b>	<b>Result of sampling &amp; analysis of gaseous emission</b>	<b>Result</b>	<b>Limit as per CPCB</b>	<b>Method</b>
1.	Temperature of emission (0C)	75	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	18.88	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1856	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.2	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.364	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.6	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	25.7	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.348	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.126	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b>Pollution control device</b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	:MSK/GHY/2022-23/1320
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar,Guwahati,Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 25.11.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-1
	<b>Sample Drawn On</b>	: 20.10.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/10/01291
<b>Reference No.&amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	: POWER HOUSE DG-1		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack	: MS		
4.	Shape of Stack	: Circular		
5.	Whether stack is provided with permanent platform & ladder	: Yes		
6.	DG capacity	: 750 KVA		
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 15.0 m		
2.	Diameter of the stack at sampling point	: 0.3556 m		
3.	Area of Stack	: 0.0994 m <sup>2</sup>		
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	5. Fuel used :Diesel			
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	<b><u>Method</u></b>
1.	Temperature of emission (0C)	161	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	19.93	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	4819	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.2	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.236	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.6	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	33.5	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.624	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.126	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks</b> : Nil			

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<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1323
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 25.10.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-4
	<b>Sample Drawn On</b>	: 20.10.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/10/01294
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>		
1.	Stack connected to	: POWER HOUSE DG-4	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack : MS		
4.	Shape of Stack : Circular		
5.	Whether stack is provided with permanent platform & ladder : Yes		
6.	DG capacity	: 750 KVA	
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>		
1.	Height of the stack from ground level	: 15.0 m	
2.	Diameter of the stack at sampling point	: 0.3556 m	
3.	Area of Stack	: 0.0994 m <sup>2</sup>	
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>		
	6. Fuel used : Diesel		
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>
			<b><u>Method</u></b>
1.	Temperature of emission (0C)	167	...
2.	Barometric Pressure (mm of Hg)	754	...
3.	Velocity of gas (m/sec.)	21.61	...
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5157	...
5.	Concentration of Oxygen (%v/v)	13.2	...
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.271	≤ 3.5
7.	Concentration of Carbon Dioxide (%v/v)	5.4	...
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	38.9	...
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.575	≤ 4.0
10.	Concentration of Particulate matter ( g/kW-hr )	0.163	≤ 0.2
<b>E.</b>	<b><u>Pollution control device</u></b>		
	Details of pollution control devices attached with the stack : Nil		
<b>F.</b>	<b>Remarks : Nil</b>		

Report Prepared By :

For Mitra S. K. Private Limited

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1322
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar,Guwahati,Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 25.10.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-3
	<b>Sample Drawn On</b>	: 20.10.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/10/01293
<b>Reference No.&amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>		
1.	Stack connected to	: POWER HOUSE DG-3	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack : MS		
4.	Shape of Stack : Circular		
5.	Whether stack is provided with permanent platform & ladder : Yes		
6.	DG capacity	: 750 KVA	
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>		
1.	Height of the stack from ground level	: 15.0 m	
2.	Diameter of the stack at sampling point	: 0.3556 m	
3.	Area of Stack	: 0.0994 m <sup>2</sup>	
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>		
	7. Fuel used :Diesel		
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b>Result</b>	<b>Limit as per CPCB</b>
			<b>Method</b>
1.	Temperature of emission (0C)	164	... USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	... USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	21.17	... USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5086	... USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.4	... IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.292	≤ 3.5 IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.6	... IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	32.9	... USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.528	≤ 4.0 USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.131	≤ 0.2 USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>		
	Details of pollution control devices attached with the stack : Nil		
<b>F.</b>	<b>Remarks : Nil</b>		

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For Mitra S. K. Private Limited

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2022-23/1321
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 25.10.2022
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-2
	<b>Sample Drawn On</b>	: 20.10.2022
	<b>Sample Number</b>	: MSKGL/ED/2022-23/10/01292
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>		
1.	Stack connected to	: POWER HOUSE DG-2	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack	: MS	
4.	Shape of Stack	: Circular	
5.	Whether stack is provided with permanent platform & ladder	: Yes	
6.	DG capacity	: 750 KVA	
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>		
1.	Height of the stack from ground level	: 15.0 m	
2.	Diameter of the stack at sampling point	: 0.3556 m	
3.	Area of Stack	: 0.0994 m <sup>2</sup>	
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>		
	8. Fuel used	: Diesel	
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>
			<b><u>Method</u></b>
1.	Temperature of emission (0C)	163	... USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754	... USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	21.11	... USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5083	... USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.2	... IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.292	≤ 3.5 IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.6	... IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	37.5	... USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.584	≤ 4.0 USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.148	≤ 0.2 USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>		
	Details of pollution control devices attached with the stack : Nil		
<b>F.</b>	<b>Remarks : Nil</b>		

Report Prepared By :

For Mitra S. K. Private Limited

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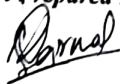
## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2023-24/0037
"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 20.05.2023
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-1
	<b>Sample Drawn On</b>	: 13.03.2023
	<b>Sample Number</b>	: MSKGL/ED/2023-24/04/00953
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A. General information about stack :</b>			
1. Stack connected to	: POWER HOUSE DG-1		
2. Emission due to	: Diesel Burning		
3. Material of construction of Stack : MS			
4. Shape of Stack : Circular			
5. Whether stack is provided with permanent platform & ladder : Yes			
6. DG capacity	: DG 750 KVA		
<b>B. Physical characteristics of stack :</b>			
1. Height of the stack from ground level	: 15 m		
2. Diameter of the stack at sampling point	: 0.3556 m		
3. Area of Stack	: 0.0994 m <sup>2</sup>		
<b>C. Analysis/Characteristic of stack:</b>			
1. Fuel used : Diesel			
<b>D. Result of sampling &amp; analysis of gaseous emission</b>	<b>Result</b>	<b>Limit as per CPCB</b>	<b>Method</b>
1. Temperature of emission (0C)	158.0	...	USEPA Part 2, 25.09.1996
2. Barometric Pressure (mm of Hg)	754.0	...	USEPA Part 2, 25.09.1996
3. Velocity of gas (m/sec.)	20.3	...	USEPA Part 2, 25.09.1996
4. Quantity of Gas Flow (Nm <sup>3</sup> /hr)	4944	...	USEPA Part 2, 25.09.1996
5. Concentration of Oxygen (%v/v)	13.6	...	IS:13270 :1992 Reaff, 2014
6. Concentration of Carbon Monoxide ( g/kW-hr)	0.232	≤ 3.5	IS:13270 :1992 Reaff, 2014
7. Concentration of Carbon Dioxide (%v/v)	5.8	...	IS:13270 :1992 Reaff, 2014
8. Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	32.7	...	USEPA Part-6, 25/09/1996
9. Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.612	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10. Concentration of Particulate matter ( g/kW-hr )	0.121	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E. Pollution control device</b>			
Details of pollution control devices attached with the stack : Nil			
<b>F. Remarks</b>	: Nil		

Report Prepared By :



For Mitra S.K. Private Limited

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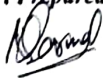
## TEST REPORT

<b>Name &amp; Address of the Customer</b>	<b>Report No.</b>	: MSK/GHY/2023-24/0038
<b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report Date</b>	: 20.05.2023
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-2
	<b>Sample Drawn On</b>	: 13.03.2023
	<b>Sample Number</b>	: MSKGL/ED/2023-24/04/00954
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>		
1.	Stack connected to	: POWER HOUSE DG-2	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack	: MS	
4.	Shape of Stack	: Circular	
5.	Whether stack is provided with permanent platform & ladder	: Yes	
6.	DG capacity	: DG 750 KVA	
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>		
1.	Height of the stack from ground level	: 15 m	
2.	Diameter of the stack at sampling point	: 0.3556 m	
3.	Area of Stack	: 0.0994 m <sup>2</sup>	
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>		
	2. Fuel used : Diesel		
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>
			<b><u>Method</u></b>
1.	Temperature of emission (0C)	155.0	...
2.	Barometric Pressure (mm of Hg)	754.0	...
3.	Velocity of gas (m/sec.)	21.1	...
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5172	...
5.	Concentration of Oxygen (%v/v)	13.8	...
6.	Concentration of Carbon Monoxide (g/kW-hr)	0.270	≤ 3.5
7.	Concentration of Carbon Dioxide (%v/v)	5.6	...
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	35.7	...
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.562	≤ 4.0
10.	Concentration of Particulate matter (g/kW-hr)	0.139	≤ 0.2
<b>E.</b>	<b><u>Pollution control device</u></b>		
	Details of pollution control devices attached with the stack : Nil		
<b>F.</b>	<b>Remarks : Nil</b>		

Report Prepared By :



For Mitra S. K. Private Limited



Authorized Signatory

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## TEST REPORT

<b>Name &amp; Address of the Customer</b>  <b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report No.</b>	: MSK/GHY/2023-24/0039
	<b>Report Date</b>	: 20.05.2023
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: POWER HOUSE DG-3
	<b>Sample Drawn On</b>	: 13.03.2023
	<b>Sample Number</b>	: MSKGL/ED/2023-24/04/00955
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>		
1.	Stack connected to	: POWER HOUSE DG-3	
2.	Emission due to	: Diesel Burning	
3.	Material of construction of Stack : MS		
4.	Shape of Stack : Circular		
5.	Whether stack is provided with permanent platform & ladder : Yes		
6.	DG capacity	: 750 KVA	
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>		
1.	Height of the stack from ground level	: 15 m	
2.	Diameter of the stack at sampling point	: 0.3556 m	
3.	Area of Stack	: 0.0994 m <sup>2</sup>	
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>		
	3. Fuel used : Diesel		
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>
			<b><u>Method</u></b>
1.	Temperature of emission (0C)	159.0	...
2.	Barometric Pressure (mm of Hg)	754.0	...
3.	Velocity of gas (m/sec.)	21.3	...
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5186	...
5.	Concentration of Oxygen (%v/v)	14.0	...
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.287	≤ 3.5
7.	Concentration of Carbon Dioxide (%v/v)	5.6	...
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	33.4	...
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.526	≤ 4.0
10.	Concentration of Particulate matter ( g/kW-hr )	0.127	≤ 0.2
<b>E.</b>	<b><u>Pollution control device</u></b>		
	Details of pollution control devices attached with the stack : Nil		
<b>F.</b>	<b>Remarks : Nil</b>		

Report Prepared By :



For Mitra S. K. Private Limited


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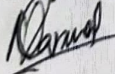
**TEST REPORT**

<b>Name &amp; Address of the Customer</b>  <b>"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	Report No.	: MSK/GHY/2023-24/0040
	Report Date	: 20.05.2023
	Nature of Sample	: Stack Emission
	Sample Mark	: POWER HOUSE DG-4
	Sample Drawn On	: 13.03.2023
	Sample Number	: MSKGL/ED/2023-24/04/00956
Reference No. & Date: W.O. NO.- As Per Mail Date : 21.12.2021		

**ANALYSIS RESULT**

<b>A. General information about stack :</b>			
1. Stack connected to	: POWER HOUSE DG-4		
2. Emission due to	: Diesel Burning		
3. Material of construction of Stack : MS			
4. Shape of Stack : Circular			
5. Whether stack is provided with permanent platform & ladder : Yes			
6. DG capacity	: 750 KVA		
<b>B. Physical characteristics of stack :</b>			
1. Height of the stack from ground level	: 15 m		
2. Diameter of the stack at sampling point	: 0.3556 m		
3. Area of Stack	: 0.0994 m <sup>2</sup>		
<b>C. Analysis/Characteristic of stack:</b>			
4. Fuel used : Diesel			
<b>D. Result of sampling &amp; analysis of gaseous emission</b>	<b>Result</b>	<b>Limit as per CPCB</b>	<b>Method</b>
1. Temperature of emission (0C)	161.0	...	USEPA Part 2, 25.09.1996
2. Barometric Pressure (mm of Hg)	754.0	...	USEPA Part 2, 25.09.1996
3. Velocity of gas (m/sec.)	20.8	...	USEPA Part 2, 25.09.1996
4. Quantity of Gas Flow (Nm <sup>3</sup> /hr)	5030	...	USEPA Part 2, 25.09.1996
5. Concentration of Oxygen (%v/v)	13.4	...	IS:13270 :1992 Reaff, 2014
6. Concentration of Carbon Monoxide ( g/kW-hr)	0.274	≤ 3.5	IS:13270 :1992 Reaff, 2014
7. Concentration of Carbon Dioxide (%v/v)	6.0	...	IS:13270 :1992 Reaff, 2014
8. Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	38.3	...	USEPA Part-6, 25/09/1996
9. Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.570	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10. Concentration of Particulate matter ( g/kW-hr )	0.168	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E. Pollution control device</b>			
Details of pollution control devices attached with the stack : Nil			
<b>F. Remarks : Nil</b>			

Report Prepared By :



For Mitra S. K. Private Limited



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Email : info@mitrask.com. Website: www.mitrask.com

**TEST REPORT**

<b>Name &amp; Address of the Customer</b> <b>"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"</b> Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	Report No.	: MSK/GHY/2023-24/0041
	Report Date	: 20.05.2023
	Nature of Sample	: Stack Emission
	Sample Mark	: RADAR DG-1
	Sample Drawn On	: 13.03.2023
	Sample Number	: MSKGL/ED/2023-24/04/00957
Reference No. & Date: W.O. NO.- As Per Mail Date : 21.12.2021		

**ANALYSIS RESULT**

<b>A. General information about stack :</b>				
1.	Stack connected to	: RADAR DG-1		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack	: MS		
4.	Shape of Stack	: Circular		
5.	Whether stack is provided with permanent platform & ladder	: Yes		
6.	DG capacity	: 320KVA		
<b>B. Physical characteristics of stack :</b>				
1.	Height of the stack from ground level	: 12 m		
2.	Diameter of the stack at sampling point	: 0.2032 m		
3.	Area of Stack	: 0.0324 m <sup>2</sup>		
<b>C. Analysis/Characteristic of stack:</b>				
5. Fuel used : Diesel				
<b>D. Result of sampling &amp; analysis of gaseous emission</b>				
		<b>Result</b>	<b>Limit as per CPCB</b>	
			<b>Method</b>	
1.	Temperature of emission (0C)	75.0	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754.0	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	18.2	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1793	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.6	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.321	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.8	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	26.1	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.325	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.120	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E. Pollution control device</b>				
Details of pollution control devices attached with the stack : Nil				
<b>F. Remarks</b> Nil				

Report Prepared By :



For Mitra S. K. Private Limited


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## TEST REPORT

<b>Name &amp; Address of the Customer</b>  <b>"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED"</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report No.</b>	: MSK/GHY/2023-24/0042
	<b>Report Date</b>	: 20.05.2023
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: RADAR DG-2
	<b>Sample Drawn On</b>	: 13.03.2023
	<b>Sample Number</b>	: MSKGL/ED/2023-24/04/00958
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A. <u>General information about stack :</u></b>				
1.	Stack connected to	: RADAR DG-2		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack	: MS		
4.	Shape of Stack	: Circular		
5.	Whether stack is provided with permanent platform & ladder	: Yes		
6.	DG capacity	: 320 KVA		
<b>B. <u>Physical characteristics of stack :</u></b>				
1.	Height of the stack from ground level	: 12 m		
2.	Diameter of the stack at sampling point	: 0.2032 m		
3.	Area of Stack	: 0.0324 m <sup>2</sup>		
<b>C. <u>Analysis/Characteristic of stack:</u></b>				
6. Fuel used : Diesel				
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b><u>Result</u></b>	<b><u>Limit as per CPCB</u></b>	
			<b><u>Method</u></b>	
1.	Temperature of emission (0C)	72.0	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754.0	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	18.8	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1868	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.8	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.358	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.4	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	25.1	...	USEPA Part-6, 25.09.1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon ( g/kW-hr)	0.336	≤ 4.0	USEPA Part-7, 12.03.1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.129	≤ 0.2	USEPA Part-17, 16.08.1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

Report Prepared By :



For Mitra S. K. Private Limited

  
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## TEST REPORT

<b>Name &amp; Address of the Customer</b>  <b>“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED”</b>  Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015	<b>Report No.</b>	: MSK/GHY/2023-24/0043
	<b>Report Date</b>	: 20.05.2023
	<b>Nature of Sample</b>	: Stack Emission
	<b>Sample Mark</b>	: HANGER DG-1
	<b>Sample Drawn On</b>	: 13.03.2023
	<b>Sample Number</b>	: MSKGL/ED/2023-24/04/00959
<b>Reference No. &amp; Date: W.O. NO.- As Per Mail Date : 21.12.2021</b>		

### ANALYSIS RESULT

<b>A.</b>	<b><u>General information about stack :</u></b>			
1.	Stack connected to	: HANGER DG-1		
2.	Emission due to	: Diesel Burning		
3.	Material of construction of Stack	: MS		
4.	Shape of Stack	: Circular		
5.	Whether stack is provided with permanent platform & ladder	: Yes		
6.	DG capacity	: 200 KVA		
<b>B.</b>	<b><u>Physical characteristics of stack :</u></b>			
1.	Height of the stack from ground level	: 5 m		
2.	Diameter of the stack at sampling point	: 0.20 m		
3.	Area of Stack	: 0.0314 m <sup>2</sup>		
<b>C.</b>	<b><u>Analysis/Characteristic of stack:</u></b>			
	7. Fuel used : Diesel			
<b>D.</b>	<b><u>Result of sampling &amp; analysis of gaseous emission</u></b>	<b>Result</b>	<b>Limit as per CPCB</b>	
			<b>Method</b>	
1.	Temperature of emission (0C)	64.0	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	754.0	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	18.1	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	1786	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.6	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide ( g/kW-hr)	0.218	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.8	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm <sup>3</sup> )	23.8	...	USEPA Part-6, 25/09/1996
9.	Concentration of Nitrogen Oxide & Methane Hydro Carbon (g/kW-hr)	0.248	≤ 4.0	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Particulate matter ( g/kW-hr )	0.112	≤ 0.2	USEPA Part-17, 16/08/1996
<b>E.</b>	<b><u>Pollution control device</u></b>			
	Details of pollution control devices attached with the stack : Nil			
<b>F.</b>	<b>Remarks : Nil</b>			

Report Prepared By :



For Mitra S. K. Private Limited


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