

## TEST REPORT



ULR No. : TC118182400008348F		Test Report No. : NSTL200824NA017	
Type of Sample : Emission Stack- DG			
Name & Address of Customer	Glassco Laboratory Equipments Pvt. Ltd. Vill. Manglai, P.O. Khuda Kalan, Ambala Cantt. Haryana-133004	Work Order No. & Date	Telephonic Order Dt.: 17/08/2024
		Customer reference No. (if any)	NA
		Date of Sampling	20/08/2024
Sampling Protocol	IS 11255, CPCB: LATS/80/2013-14	Date of Sample Receipt	20/08/2024
Mode of Collection of Sample	Mr. Vishal (Eco Rep.)	Period of Analysis	20/08/2024 To 27/08/2024
Source of Emission	DG Set No.4 (500 KVA)	Date of Reporting	27/08/2024
Stack Description	Single, Circular & Metal	Fuel Used	HSD
Point of Sample Collection	From Port Hole	APCD Details (If provided)	NA
Standard/Specification	Emission- Diesel Engine upto 800 KW or 1000 KVA: EPA 1986		
Testing Location	On Site & Permanent Facility		

## RESULTS

### I. Chemical Testing

#### 1. Atmospheric Pollution (Stack Emission)

S.No.	Test Parameters	Unit	Result	Detection Limit	Test Method
1	Particulate Matter	mg/Nm <sup>3</sup>	62	5	IS 11255 (Part 1)
2	Sulphur Dioxide as SO <sub>2</sub>	mg/Nm <sup>3</sup>	19	5	EL/SOP/FGA/01
3	Oxides of Nitrogen as NO <sub>X</sub>	mg/Nm <sup>3</sup>	214	5	EL/SOP/FGA/01
4	Carbon Monoxide as CO	mg/Nm <sup>3</sup>	135	5	EL/SOP/FGA/01

Remarks : NA

#### OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

**\*\*End of Report\*\***



Umesh Kumar  
Authorized Signatory-Chemical



## TEST REPORT



TC-11818

ULR No. : TC1181824000008349F		Test Report No. : NSTL200824NA018	
Type of Sample : Emission Stack- DG			
Name & Address of Customer	Glassco Laboratory Equipments Pvt. Ltd. Vill. Manglai, P.O. Khuda Kalan, Ambala Cantt. Haryana-133004	Work Order No. & Date	Telephonic Order Dt.: 17/08/2024
		Customer reference No. (if any)	NA
		Date of Sampling	20/08/2024
Sampling Protocol	IS 11255, CPCB: LATS/80/2013-14	Date of Sample Receipt	20/08/2024
Mode of Collection of Sample	Mr. Vishal (Eco Rep.)	Period of Analysis	20/08/2024 To 27/08/2024
Source of Emission	DG Set No.5 (500 KVA)	Date of Reporting	27/08/2024
Stack Description	Single, Circular & Metal	Fuel Used	HSD
Point of Sample Collection	From Port Hole	APCD Details (if provided)	NA
Standard/Specification	Emission- Diesel Engine upto 800 KW or 1000 KVA: EPA 1986		
Testing Location	On Site & Permanent Facility		

## RESULTS

### I. Chemical Testing

#### 1. Atmospheric Pollution (Stack Emission)

S.No.	Test Parameters	Unit	Result	Detection Limit	Test Method
1	Particulate Matter	mg/Nm <sup>3</sup>	66	5	IS 11255 (Part 1)
2	Sulphur Dioxide as SO <sub>2</sub>	mg/Nm <sup>3</sup>	23	5	EL/SOP/FGA/01
3	Oxides of Nitrogen as NO <sub>X</sub>	mg/Nm <sup>3</sup>	224	5	EL/SOP/FGA/01
4	Carbon Monoxide as CO	mg/Nm <sup>3</sup>	137	5	EL/SOP/FGA/01

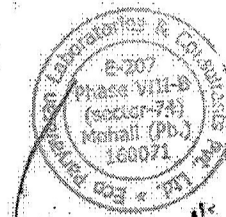
Remarks : NA

### OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

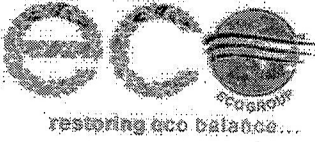
Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

**\*\*End of Report\*\***



Umesh Kumar

Authorized Signatory-Chemical



## TEST REPORT



<b>ULR No. :</b> TC1181824000008357F		<b>Test Report No. :</b> NAIL210824NA001	
<b>Type of Sample :</b> Ambient Air		<b>Date of Reporting :</b> 27/08/2024	
<b>Customer</b>	Glassco Laboratory Equipments Pvt. Ltd. VIII. Manglaj, P.O. Khuda Kalan, Ambala Cantt. Haryana-133004	<b>Work Order No. &amp; Date</b>	<b>Telephonic Order Dt.:</b> 17/08/2024
		<b>Customer reference No. (if any)</b>	NA
<b>Sampling Protocol</b>	IS 5182, EL-MSP-7.3	<b>Mode of Collection of Sample</b>	Mr. Vishal (Eco Rep.)
<b>Date of Sampling</b>	20/08/2024 To 21/08/2024	<b>Date of Receipt of Sample</b>	21/08/2024
<b>Sampling Location</b>	Near Blowing Hall	<b>Period of Analysis</b>	21/08/2024 To 27/08/2024
<b>Standard/ Specification</b>	National Ambient Air Quality: G.S.R.No.B-29016/20/19/PCI-L dated 18 Nov, 2009	<b>Environmental Conditions</b>	Partially cloudy weather
<b>Testing Location</b>	On Site & Permanent Facility		

## RESULTS

### I. Chemical Testing

#### 1. Atmospheric Pollution (Ambient Air)

S.No.	Test Parameter	Unit	Result	Standard	Detection Limit	Test Method
1	Respirable Suspended Particulate Matter as PM10	µg/m3	81	100	5	IS 5182 (Part 23)
2	Particulate Matter as PM2.5	µg/m3	43	60	5	IS 5182 (Part 24)
3	Sulphur Dioxide as SO2	µg/m3	11	80	5	IS 5182 (Part 2)
4	Oxides of Nitrogen	µg/m3	23	80	7	IS 5182 (Part 6)
5	Ammonia as NH3	µg/m3	18	400	5	IS 5182 (Part 25)
6	Ozone as O3	µg/m3	27	180	5	IS 5182 (Part 9)
7	Carbon Monoxide as CO	mg/m3	0.68	4	0.1	IS 5182 (Part 10) NDIR method
8	Lead as Pb	µg/m3	BDL	1.0	0.04	USEPA Method IO-3.4
9	Arsenic as As	ng/m3	BDL	6	4	USEPA Method IO-3.4
10	Nickel as Ni	ng/m3	BDL	20	4	USEPA Method IO-3.4
11	Benzo Pyrene (BaP), Particulate Phase Only	ng/m3	BDL	1	0.3	IS 5182 (Part 12)

Remarks : NA

#### OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

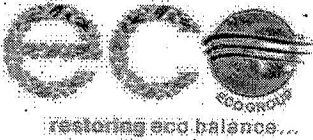
Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*



Authorized Signatory-Chemical





## TEST REPORT

ULR No. : NA		Test Report No. : NAIL210824NA001/A	
Type of Sample : Ambient Air		Date of Reporting : 27/08/2024	
Customer	Glassco Laboratory Equipments Pvt. Ltd. Vill. Manglai, P.O. Khuda Kalan, Ambala Cantt. Haryana-133004	Work Order No. & Date	Telephonic Order Dt.: 17/08/2024
		Customer reference No. (if any)	NA
Sampling Protocol	IS 5182, EL-MSP-7.3	Mode of Collection of Sample	Mr. Vishal (Eco Rep.)
Date of Sampling	20/08/2024 To 21/08/2024	Date of Receipt of Sample	21/08/2024
Sampling Location	Near Blowing Hall	Period of Analysis	21/08/2024 To 27/08/2024
Standard/ Specification	National Ambient Air Quality: G.S.R.No.B-29016/20/19/PCI-L dated 18 Nov, 2009	Environmental Conditions	Partially cloudy weather
Testing Location	On Site & Permanent Facility		

## RESULTS

### I. Chemical Testing

#### 1. Atmospheric Pollution (Ambient Air)

S.No.	Test Parameter	Unit	Result	Standard	Detection Limit	Test Method
1	Benzene	µg/m <sup>3</sup>	BDL	5	5	IS 5182 (Part 11)

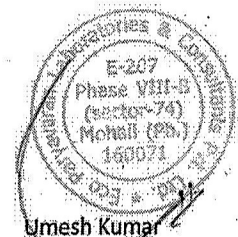
Remarks: This test report is the part of Test Report No.NAIL210824NA001

#### OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

**\*\*End of Report\*\***



Umesh Kumar

Authorized Signatory-Chemical





## TEST REPORT



ULR No. : TC1181824000008358F		Test Report No. : NAIL210824NA002	
Type of Sample : Ambient Air		Date of Reporting : 27/08/2024	
Customer	Glassco Laboratory Equipments Pvt. Ltd. Vill. Manglai, P.O. Khuda Kalan, Ambala Cantt. Haryana-133004	Work Order No. & Date	Telephonic Order Dt.: 17/08/2024
		Customer reference No. (if any)	NA
Sampling Protocol	IS 5182, EL-MSP-7.3	Mode of Collection of Sample	Mr. Vishal (Eco Rep.)
Date of Sampling	20/08/2024 To 21/08/2024	Date of Receipt of Sample	21/08/2024
Sampling Location	Near Box Store	Period of Analysis	21/08/2024 To 27/08/2024
Standard/ Specification	National Ambient Air Quality: G.S.R.No.B-29016/20/19/PCI-L dated 18 Nov, 2009	Environmental Conditions	Partially cloudy weather
Testing Location	On Site & Permanent Facility		

## RESULTS

### I. Chemical Testing

#### 1. Atmospheric Pollution (Ambient Air)

S.No.	Test Parameter	Unit	Result	Standard	Detection Limit	Test Method
1	Respirable Suspended Particulate Matter as PM10	µg/m <sup>3</sup>	78	100	5	IS 5182 (Part 23)
2	Particulate Matter as PM2.5	µg/m <sup>3</sup>	40	60	5	IS 5182 (Part 24)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	9	80	5	IS 5182 (Part 2)
4	Oxides of Nitrogen	µg/m <sup>3</sup>	20	80	7	IS 5182 (Part 6)
5	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	18	400	5	IS 5182 (Part 25)
6	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	26	180	5	IS 5182 (Part 9)
7	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.59	4	0.1	IS 5182 (Part 10) NDIR method
8	Lead as Pb	µg/m <sup>3</sup>	BDL	1.0	0.04	USEPA Method IO-3.4
9	Arsenic as As	ng/m <sup>3</sup>	BDL	6	4	USEPA Method IO-3.4
10	Nickel as Ni	ng/m <sup>3</sup>	BDL	20	4	USEPA Method IO-3.4
11	Benzo Pyrene (BaP), Particulate Phase Only	ng/m <sup>3</sup>	BDL	1	0.3	IS 5182 (Part 12)

Remarks : NA

#### OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

**\*\*End of Report\*\***



Umesh Kumar

Authorized Signatory-Chemical



## TEST REPORT

ULR No. : NA		Test Report No. : NAIL210824NA002/A	
Type of Sample : Ambient Air		Date of Reporting : 27/08/2024	
Customer	Glassco Laboratory Equipments Pvt. Ltd. Vill. Manglai, P.O. Khuda Kalan, Ambala Cantt. Haryana-133004	Work Order No. & Date	Telephonic Order Dt.: 17/08/2024
		Customer reference No. (if any)	NA
Sampling Protocol	IS 5182, EL-MSP-7.3	Mode of Collection of Sample	Mr. Vishal (Eco Rep.)
Date of Sampling	20/08/2024 To 21/08/2024	Date of Receipt of Sample	21/08/2024
Sampling Location	Near Box Store	Period of Analysis	21/08/2024 To 27/08/2024
Standard/ Specification	National Ambient Air Quality: G.S.R.No.B-29016/20/19/PCI-L dated 18 Nov, 2009	Environmental Conditions	Partially cloudy weather
Testing Location	On Site & Permanent Facility		

## RESULTS

### I. Chemical Testing

#### 1. Atmospheric Pollution (Ambient Air)

S.No.	Test Parameter	Unit	Result	Standard	Detection Limit	Test Method
1	Benzene	µg/m <sup>3</sup>	BDL	5	5	IS 5182 (Part 11)

Remarks : This test report is the part of Test Report No.NAIL210824NA002

#### OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

**\*\*End of Report\*\***

Umesh Kumar  
Authorized Signatory-Chemical



## TEST REPORT



ULR No. : TC118182400008359F		Test Report No. : NAIL210824NA003	
Type of Sample : Ambient Air		Date of Reporting : 27/08/2024	
Customer	Glassco Laboratory Equipments Pvt. Ltd. VIII. Manglai, P.O. Khuda Kalan, Ambala Cantt. Haryana-133004	Work Order No. & Date	Telephonic Order Dt.: 17/08/2024
		Customer reference No. (if any)	NA
Sampling Protocol	IS 5182, EL-MSP-7.3	Mode of Collection of Sample	Mr. Vishal (Eco Rep.)
Date of Sampling	20/08/2024 To 21/08/2024	Date of Receipt of Sample	21/08/2024
Sampling Location	At Park-Near Admin Block	Period of Analysis	21/08/2024 To 27/08/2024
Standard/ Specification	National Ambient Air Quality: G.S.R.No.B-29016/20/19/PCI-L dated 18 Nov, 2009	Environmental Conditions	Partially cloudy weather
Testing Location	On Site & Permanent Facility		

## RESULTS

### I. Chemical Testing

#### 1. Atmospheric Pollution (Ambient Air)

S.No.	Test Parameter	Unit	Result	Standard	Detection Limit	Test Method
1	Respirable Suspended Particulate Matter as PM10	µg/m <sup>3</sup>	75	100	5	IS 5182 (Part 23)
2	Particulate Matter as PM2.5	µg/m <sup>3</sup>	37	60	5	IS 5182 (Part 24)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	5	IS 5182 (Part 2)
4	Oxides of Nitrogen	µg/m <sup>3</sup>	22	80	7	IS 5182 (Part 6)
5	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	19	400	5	IS 5182 (Part 25)
6	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	25	180	5	IS 5182 (Part 9)
7	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.60	4	0.1	IS 5182 (Part 10) NDIR method
8	Lead as Pb	µg/m <sup>3</sup>	BDL	1.0	0.04	USEPA Method IO-3.4
9	Arsenic as As	ng/m <sup>3</sup>	BDL	6	4	USEPA Method IO-3.4
10	Nickel as Ni	ng/m <sup>3</sup>	BDL	20	4	USEPA Method IO-3.4
11	Benzo-Pyrene (BaP), Particulate Phase Only	ng/m <sup>3</sup>	BDL	1	0.3	IS 5182 (Part 12)

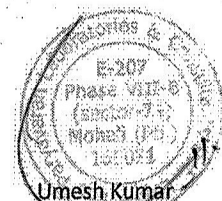
Remarks : NA

#### OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*



Authorized Signatory-Chemical





## TEST REPORT

ULR No. : NA		Test Report No. : NAIL210824NA003/A	
Type of Sample : Ambient Air		Date of Reporting : 27/08/2024	
Customer	Glassco Laboratory Equipments Pvt. Ltd. Vill. Manglai, P.O. Khuda Kalan, Ambala Cantt. Haryana-133004	Work Order No. & Date	Telephonic Order Dt: 17/08/2024
		Customer reference No. (if any)	NA
Sampling Protocol	IS 5182, EL-MSP-7.3	Mode of Collection of Sample	Mr. Vishal (Eco Rep.)
Date of Sampling	20/08/2024 To 21/08/2024	Date of Receipt of Sample	21/08/2024
Sampling Location	At Park-Near Admin Block	Period of Analysis	21/08/2024 To 27/08/2024
Standard/ Specification	National Ambient Air Quality: G.S.R.No.B-29016/20/19/PCI-L dated 18 Nov, 2009	Environmental Conditions	Partially cloudy weather
Testing Location	On Site & Permanent Facility		

## RESULTS

### I. Chemical Testing

#### 1. Atmospheric Pollution (Ambient Air)

S.No.	Test Parameter	Unit	Result	Standard	Detection Limit	Test Method
1	Benzene	µg/m <sup>3</sup>	BDL	5	5	IS 5182 (Part 11)

Remarks : This test report is the part of Test Report No.NAIL210824NA003

### OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

**\*\*End of Report\*\***



Umesh Kumar

Authorized Signatory-Chemical