



## TEST REPORT

Report No:	EHSM/2025/Apr/R-489	Issue Date	21/04/2025
Name and Address of Customer	Commercial Construction Project at Sr No. 75/2/1 (P), Kharadi, Tal-Haveli, Dist-Pune by Rainbow Associates		
Project Name	Commercial Project		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	14/04/2025	Sampling duration	1440 Min
Sampling Location	Near Project Site	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	39°C	Wet bulb temperature	26°C
Relative Humidity	52%	Sampling done by	EHS Matrix Pvt. Ltd., Pune
Start Date of Analysis	15/04/2025	End Date of Analysis	21/04/2025

## Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	20.0	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	23.0	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	68.0	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	33.0	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	1.0	mg/m <sup>3</sup>	≤ 04	

**Remark-** All above results is within National Ambient Air Quality Standards.



Authorized Signatory  
Mr. Rahul Patil  
(Director)



### TEST REPORT

Report No:	EHSM/2025/Apr/R-490	Issue Date	21/04/2025
Name and Address of Customer	Commercial Construction Project at Sr No. 75/2/1 (P), Kharadi, Tal-Haveli, Dist-Pune by Rainbow Associates		
Project Name	Commercial Project		
Sample Name	Noise	Sample Description	Ambient Noise
Date of Sampling	14/04/2025	Sampling duration	Spot Time
Sampling done by	EHS Matrix Pvt. Ltd., Pune		

### Results

Sr. No.	Locations	Result dB(A) Day	Result dB(A) Night	Specifications (CPCB Standards dB(A))	Method
1.	Near Project Site	51.7	39.0	55/45	CPCB Guideline

#### Remark-

- All above Noise level results are within Central Pollution Control Board Standards limit.
- Day/Night -55/45 dB.



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## TEST REPORT

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Name and Address of Customer	Commercial Construction Project at Sr No. 75/2/1 (P), Kharadi, Tal-Haveli, Dist-Pune by Rainbow Associates		
Project Name	Commercial Project		
Sample Name	Soil	Sample Description	Soil
Date of Sampling	14/04/2025	Sampling Time	12.00 PM
Sampling Location	Project Site	Sampling Procedure	--
Sampling done by	EHS Matrix Pvt. Ltd., Pune	Sample Quantity	01 Kg
Start Date of Analysis	15/04/2025	End Date of Analysis	21/04/2025

## Results

Sr. No.	Parameters	Results	Unit(s)	Methods
1	Soil Texture			Manual Of Soil Testing
	a) Sand	34	%	
	b) Silt	22	%	
	c) Clay	44	%	
2	pH at 25°C	7.3	--	IS 2720(Part 26) 1987
3	EC at 25°C	443.0	µS/cm	IS 14767 : 2000
4	Moisture Content	8.0	%	Manual Of Soil Testing
5	Organic Matter	1.1	%	IS 2720(Part 22) 1972
6	Cation Exchange Capacity	0.8	meq/100g	Manual Of Soil Testing
7	Total Soluble Sulphate	32.0	mg/Kg	Manual Of Soil Testing
8	Available Phosphorus	24.0	mg/Kg	Manual Of Soil Testing
9	Available Nitrogen	190.0	mg/Kg	Manual Of Soil Testing
10	Water Holding	47.0	%	Manual Of Soil Testing
11	Calcium (as Ca)	23.0	mg/Kg	Manual Of Soil Testing
12	Magnesium (as Mg)	19.0	mg/Kg	Manual Of Soil Testing
13	Lead (as Pb)	<1.0	mg/Kg	Manual Of Soil Testing
14	Copper (as Cu)	1.0	mg/Kg	Manual Of Soil Testing
15	Zinc (as Zn)	1.5	mg/Kg	Manual Of Soil Testing
16	Cadmium (as Cd)	<1.0	mg/Kg	Manual Of Soil Testing
17	Iron (as Fe)	4.4	mg/Kg	Manual Of Soil Testing
18	Manganese (as Mn)	1.3	mg/Kg	Manual Of Soil Testing



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Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.

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CERTIFICATIONS :  
ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018  
ISO/IEC 17025 : 2017 (NABL)



## TEST REPORT

Report No:	EHSM/2025/Apr/R-492	Issue Date	21/04/2025
Name and Address of Customer	Commercial Construction Project at Sr No. 75/2/1 (P), Kharadi, Tal-Haveli, Dist-Pune by Rainbow Associates		
Project Name	Commercial Project		
Sample Name	Water	Sample Description	Drinking Water
Date of Sampling	14/04/2025	Sampling Time	12.30 PM
Sampling Location	Project Site	Sampling Procedure	APHA 1060
Sampling done by	EHS Matrix Pvt. Ltd., Pune	Sample Quantity	02 L
Start Date of Analysis	15/04/2025	End Date of Analysis	21/04/2025

## Results

Sr. No.	Parameters	Results	Unit(s)	Requirement (Acceptable Limit)	Methods
1	pH at 25°C	7.4	--	6.5 to 8.5	APHA 4500 H+ A, 23 <sup>rd</sup> Ed.2017
2	EC at 25°C	130.0	µS/cm	--	APHA 2510 B, 23 <sup>rd</sup> Ed.2017
3	Total Dissolved Solids TDS	72.0	mg/L	Max500	APHA 2540 C, 23 <sup>rd</sup> Ed.2017
4	Total Hardness (as CaCO <sub>3</sub> )	35.0	mg/L	Max 200	IS 3025 (Part 21):2009
5	Total Alkalinity (as CaCO <sub>3</sub> )	30.0	mg/L	Max 200	IS 3025 (Part 23):1986
6	Sulphate (as SO <sub>4</sub> )	7.0	mg/L	Max 200	IS 3025 (Part 24):1986
7	Chloride (as Cl)	15.0	mg/L	Max 250	APHA 4500 Cl 23 <sup>rd</sup> Ed.2017
8	Calcium ( as Ca)	12.0	mg/L	Max 75	IS 3025 (Part 40) 1991
9	Magnesium( as Mg)	5.0	mg/L	Max 30	IS 3025 (Part 46) 1994
10	Total Coliform	Absent	MPN/100ml	<2	IS 1622:1981
11	E.coli.	Absent	MPN/100ml	<2	IS 1622:1981

➤ Remark- The above water sample is Comply with required limit as per 10500:2012.  
For Total Coliform &E.coli. <2 can be consider as Zero [Refer IS: 1622 (R.A.1996), Table No.-4].



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## TEST REPORT

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Name and Address of Customer	Commercial Construction Project at Sr No. 75/2/1 (P), Kharadi, Tal-Haveli, Dist-Pune by Rainbow Associates		
Project Name	Commercial Project		
Sample Name	Source Emission	Sample Description	Stack Material : MS
Date of Sampling	14/04/2025		Stack Height : 1.7 mtr
Sampling Location	DG Set - 125 KVA		Stack Type : Round
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	15/04/2025	End Date of Analysis	21/04/2025

## Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	402	°K		---
2	Differential Pressure	4.4	mm WG		
3	Velocity	5.8	M/s		
4	Dimensions of Stack	0.1	Mtr.		
5	Stack Area	0.00785	M <sup>2</sup>		
6	Gas Volume	154.0	NM <sup>3</sup> /Hr		
7	Particulate Matter	54.0	mg/Nm <sup>3</sup>	≤ 150	CPCB Guideline on methodologies for source emission monitoring
8	Sulphur Dioxide(SO <sub>2</sub> )	14.0	mg/Nm <sup>3</sup>	--	
9	Sulphur Dioxide(SO <sub>2</sub> )	0.1	Kg/day	N.S.	
10	Oxide of Nitrogen (NOx)	5.0	mg/ Nm <sup>3</sup>	N.S.	

➤ **Remark-** All above results is well within MPCB Limit.  
N.S.- Not Specified



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