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			TE	ST REPOR	T					
Report No: EHSM/2		025/Apr/R-489	Issue Date		21/04/2025					
			Commercial Construction Project at Sr No. 75/2/1 (P), Kharadi, Tal-Haveli, Dist-Pune by Rainbow Associates							
Proje	ct Name	Commer	cial Project							
Samp	Sample Name Air			Sample D	Sample Description		ient Air			
Date	Date of Sampling 14/0		)25	Sampling	Sampling duration		) Min			
Sampling Location N		Near Project Site		Sampling	Sampling Procedure		CPCB Guideline for measurement of Ambient Air pollutants Volume I			
Dry b	<b>Dry bulb temperature</b> 39°C			Wet bulb	Wet bulb temperature		26°C			
Relat	Relative Humidity 52%			Sampling	Sampling done by		EHS Matrix Pvt. Ltd., Pune			
Start	Start Date of Analysis 15/04/2		D25 End Date of		of Analysis 21/0		4/2025			
				Results						
Sr. No.	Parameters		Results	Unit(s)	Specifications (NAAQ Standards)		Methods			
1	Sulphur Dioxide(SC	) <sub>2</sub> )	20.0	μg/m³	≤ 80		IS 5182 (Part 2)			
2	Oxides of Nitrogen(NO <sub>2</sub> )		23.0	μg/m³	≤ 80		IS 5182 (Part 6)			
3	Particulate Matter PM <sub>10</sub>		68.0	μg/m³	≤ 100		CPCB Guideline for			
4	Particulate Matter PM <sub>2.5</sub>		33.0	μg/m³	≤ 60		measurement of Ambient Air			
5	Carbon Monoxide	(CO)	1.0	mg/m³ ≤ 04			pollutants Volume I			
Rema	ark- All above results	is within N	National Ambient A	ir Quality Stan	dards.					



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Page 01 of 01

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			Т	TEST F	REPORT				
Repo	rt No:	EHSM/2	025/Apr/R-490	r/R-490 Issue Date 21/04/2025					
			Commercial Construction Project at Sr No. 75/2/1 (P), Kharadi, Tal-Haveli, Dist-Pune by Rainbow Associates						
Proje	ct Name	Commer	cial Project						
Sample Name		Noise			Sample Description		Ambient Noise		
Date of Sampling		14/04/20	025		Sampling duration		Spot Time		
Sampling done by EHS Ma			rix Pvt. Ltd., Pune	-					
				Res	ults				
Sr. No.	Locations		Result dB(A) Day	Re	sult dB(A) Night	Specifications (CPCB Standards dB(A)		Method	
1.	Near <b>Project Site</b>		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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Page 01 of 01

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ISO 45001 : 2018 ISO/IEC 17025 : 2017 (NABL)



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			TES	ST REPORT					
Report No:		EHSM/20	025/Apr/R-491	Issue Date	21/04/2025				
Name and Address of		Commercial Construction Project at Sr No. 75/2/1 (P), Kharadi, Tal-Haveli, Dist-Pune by							
Custo	mer	Rainbow	Associates						
	Project Name		Commercial Project						
	le Name	Soil		Sample Description	Soil				
	Date of Sampling		)25	Sampling Time	12.00 PM				
	Sampling Location		te	Sampling Procedure	01 Kg				
	ling done by  Date of Analysis	EHS Matrix Pvt. Ltd., Pune 15/04/2025		Sample Quantity  End Date of Analysis	01 Kg 21/04/2025				
Starti	Date of Allalysis	13/04/20	)ZJ	Results	21/04/2023				
Sr.	Parameters		Results	Unit(s)	Methods				
No. 1	Soil Texture			.,					
т		34		%					
	a) Sand b) Silt		22	%	Manual Of Soil Testing				
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				
			1.1	%	IS 2720(Part 22) 1972				
6	Cation Exchange Capa	acity	0.8	meq/100g	Manual Of Soil Testing				
7	Total Soluble Sulphat		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)		ium (as Mg) 19.0 mg/Kg		Manual Of Soil Testing				
13	B Lead (as Pb)		<1.0	mg/Kg	Manual Of Soil Testing				
14	14 Copper (as Cu)		1.0	mg/Kg	Manual Of Soil Testing				
15	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	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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Page 01 of 01

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TEST REPORT									
Report No:	EHSM/2025/Apr/R-492	21/04/2025							
Name and Address of Commercial Construction Project at Sr No. 75/2/1 (P), Kharadi, Tal-Haveli, Dist-Pur									
Customer	Customer 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	·						

Kesuits									
Parameters	Results	Unit(s)	Requirement (Acceptable Limit)	Methods					
pH at 25°C	7.4		6.5 to 8.5	APHA 4500 H+ A, 23 <sup>rd</sup> Ed.2017					
EC at 25°C	130.0	μS/cm		APHA 2510 B, 23 <sup>rd</sup> Ed.2017					
Total Dissolved Solids TDS	72.0	mg/L	Max500	APHA 2540 C, 23 <sup>rd</sup> Ed.2017					
Total Hardness (as CaCO₃)	35.0	mg/L	Max 200	IS 3025 (Part 21):2009					
Total Alkalinity (as CaCO <sub>3</sub> )	30.0	mg/L	Max 200	IS 3025 (Part 23):1986					
Sulphate (as SO <sub>4</sub> )	7.0	mg/L	Max 200	IS 3025 (Part 24):1986					
Chloride (as CI)	15.0	mg/L	Max 250	APHA 4500 Cl 23 <sup>rd</sup> Ed.2017					
Calcium ( as Ca)	12.0	mg/L	Max 75	IS 3025 (Part 40) 1991					
Magnesium( as Mg)	5.0	mg/L	Max 30	IS 3025 (Part 46) 1994					
Total Coliform	Absent	MPN/100ml	<2	IS 1622:1981					
E.coli.	Absent	MPN/100ml	<2	IS 1622:1981					
	pH at 25°C  EC at 25°C  Total Dissolved Solids TDS  Total Hardness (as CaCO <sub>3</sub> )  Total Alkalinity (as CaCO <sub>3</sub> )  Sulphate (as SO <sub>4</sub> )  Chloride (as Cl)  Calcium (as Ca)  Magnesium(as Mg)  Total Coliform  E.coli.	pH at 25°C 7.4  EC at 25°C 130.0  Total Dissolved Solids TDS 72.0  Total Hardness (as CaCO <sub>3</sub> ) 35.0  Total Alkalinity (as CaCO <sub>3</sub> ) 30.0  Sulphate (as SO <sub>4</sub> ) 7.0  Chloride (as Cl) 15.0  Calcium (as Ca) 12.0  Magnesium (as Mg) 5.0  Total Coliform Absent  E.coli.	pH at 25°C 7.4  EC at 25°C 130.0 μS/cm  Total Dissolved Solids TDS 72.0 mg/L  Total Hardness (as CaCO <sub>3</sub> ) 35.0 mg/L  Total Alkalinity (as CaCO <sub>3</sub> ) 30.0 mg/L  Sulphate (as SO <sub>4</sub> ) 7.0 mg/L  Chloride (as Cl) 15.0 mg/L  Calcium (as Ca) 12.0 mg/L  Magnesium as Mg 5.0 mg/L  Total Coliform Absent MPN/100ml  E.coli.	Parameters         Results         Unit(s)         (Acceptable Limit)           pH at 25°C         7.4          6.5 to 8.5           EC at 25°C         130.0         μS/cm            Total Dissolved Solids TDS         72.0         mg/L         Max500           Total Hardness (as CaCO3)         35.0         mg/L         Max 200           Total Alkalinity (as CaCO3)         30.0         mg/L         Max 200           Sulphate (as SO4)         7.0         mg/L         Max 200           Chloride (as Cl)         15.0         mg/L         Max 250           Calcium (as Ca)         12.0         mg/L         Max 75           Magnesium(as Mg)         5.0         mg/L         Max 30           Total Coliform         Absent         MPN/100ml         <2					

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].</p>



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Page 01 of 01

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			TEST	RE	PORT						
Report No: EHSM/2025/Apr/			/R-493 Issue Date		21/04/2025						
Name	and Address of	Commercial Cons	Commercial Construction Project at Sr No. 75/2/1 (P), Kharadi, Tal-Haveli, Dist-Pune by								
Customer		Rainbow Associa	ites								
Project Name		Commercial Project									
Samp	le Name	Source Emission	Source Emission					erial : MS			
Date of Sampling		14/04/2025		San	Sample Description		Stack Height: 1.7 mtr				
Sampling Location		DG Set - 125 KVA				Stack Type : Round					
Samp	ling done by	EHS Matrix Pvt Ltd, Pune		San	Sampling duration		30 Min				
Sample Quantity		Thimble 1 Nos and 30 ml Solution		Sampling Procedure		CPCB Guideline on methodologies for source emission monitoring					
<b>Start Date of Analysis</b> 15/04/2025		15/04/2025	En		Date of Ana	nalysis 21/04/202		5			
			R	esul	ts						
Sr. Parameters			Results		Unit(s)	Specifications (MPCB Consent)		Methods			
1	Flue Gas Temperat	ture	402	°K							
2	Differential Pressu	re	4.4		mm WG						
3	Velocity	5.8		M/s							
4	Dimensions of Sta	0.1		Mtr.			<del></del>				
5 Stack Area			0.00785		M <sup>2</sup>						
6 Gas Volume			154.0		NM³/Hr						
7	Particulate Matter		54.0		mg/Nm³		≤ 150	CDCD C : IIII :			

Remark- All above results is well within MPCB Limit.

N.S.- Not Specified

Sulphur Dioxide(SO<sub>2</sub>)

Sulphur Dioxide(SO<sub>2</sub>)

Oxide of Nitrogen (NOx)

8

9

10



14.0

0.1

5.0

mg/Nm<sup>3</sup>

Kg/day

mg/Nm<sup>3</sup>

N.S.

N.S.

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CPCB Guideline on

methodologies for source

emission monitoring

Page 01 of 01

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