



## Environmental Sciences Laboratory Department of Environmental Sciences

### Test Report for Analysis of Water

Name and Address of Customer: <b>M/s. Shlok Hitech Contractors LLP</b> Gut No. 158 part, Siddhewadi village Taluka-Miraj, District: Sangli (MS)	Test Report No: 07/WS/05-2024 Test Report Date: 16/05/2024 Customer Reference: - Not Applicable Ref. Date: - Not Applicable
Sample Id: 07/WS/05-2024	Sampling Date: 13/05/2024
Sample Registration No. 10	Sampling Done by: Environmental Sciences Laboratory
Sample Receipt Date: 14/05/2024	Sample Particular: colorless, odorless liquid
Analysis Start Date: 14/05/2024	Sample Quantity: 2000 ml
Analysis Complete Date: 16/05/2024	Packing details: Polythene bottle

### Result of Analysis

Sr. No.	Test Parameter	Unit	Result	IS 10500:2012 Limit	Reference Standard
1	pH	-	7.1	6.5-8.5	IS 3025 (Part 11): 2022
2	Turbidity	NTU	<1	1	IS 3025 (Part 10)-1984, RA 2017
3	Total Suspended Solids	mg/L	19	-	IS 3025 (Part 17)-1984, RA 2017
4	Total Dissolved Solids	mg/L	189	500	IS 3025 (Part 16)-1984, RA 2017
5	Total Hardness (as CaCO <sub>3</sub> )	mg/L	80	200	IS 3025 (Part 39): 2021
6	Chlorides	mg/L	19	250	IS 3025 (Part 32)-1988, RA 2019
7	Total Alkalinity (as CaCO <sub>3</sub> )	mg/L	45	200	IS 3025 (Part 23): 1986
8	Element: Copper	mg/L	BQL (< 0.08)	0.05	IS 3025 (Part 42)-1992, RA 2019
9	Element: Total Chromium	mg/L	BQL (< 0.13)	0.05	IS 3025 (Part 52)-2003, RA 2019
10	Element: Cobalt	mg/L	BQL (< 0.04)	-	BKBCK/EVS-L/SOP-17
11	Element: Lead	mg/L	BQL (< 0.1)	0.01	IS 3025 (Part 47)-1994, RA 2019
12	Element: Zinc	mg/L	BQL (< 0.1)	5.0	IS 3025 (Part 49)-1994, RA 2019
13	Element: Nickel	mg/L	BQL (< 0.05)	0.02	IS 3025 (Part 54)-2003, RA 2019
14	Element: Iron	mg/L	BQL (< 0.09)	0.3	IS 3025 (Part 53)-2003, RA 2019
15	Element: Cadmium	mg/L	BQL (< 0.05)	0.003	IS 3025 (Part 41)-1992, RA 2019
16	Total Coliforms	Cfu/ 100 ml sample	Absent	Shall not be detected in any 100 ml sample	APHA 23 <sup>rd</sup> edition Ed. 9221 C
17	<i>E. coli</i>	Cfu/ 100 ml sample	Absent	Shall not be detected in any 100 ml sample	APHA 23 <sup>rd</sup> edition Ed. 9221 G

\*BQL: Below Quantification Limit

For Environmental Sciences Laboratory

Checked and Verified by:

**Dr. Vandana Gupta**  
Authorized Signatory

\*\*\*\*\*END OF REPORT\*\*\*\*\*

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Prepared By :- QM	Approved By : TM	Issue No. : 01/03.08.2021

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**Environmental Sciences Laboratory  
Department of Environmental Sciences**

**Test Report for Analysis of Soil**

Name and Address of Customer: <b>M/s. Shlok Hitech Contractors LLP</b> Gut No. 158 part, Siddhewadi village Taluka-Miraj, District: Sangli (MS)	Test Report No: 03/SS/05-2024 Test Report Date: 16/05/2024 Customer Reference: - Not Applicable Ref. Date: - Not Applicable
Sample Id: 03/SS/05-2024	Sampling Date: 04/11/2022
Sample Particular: Soil Sample	Sampling Done by: Environmental Sciences Laboratory
Sample Registration No. 04	Sample Quantity: 1000 gm
Sample Receipt Date: 13/05/2024	Packing details: Ziplock bag
Analysis Start Date: 14/05/2024	Sample Marking: 01
Analysis Complete Date: 15/05/2024	

**Result of Analysis**

Sr. No.	Test Parameter	Unit	Result	Method used
1	Electrical Conductivity	mS/cm	0.211	Conductometric method
2	Organic matter	%	1.1	Walkey Black Method
3	Water holding capacity	%	40	Gravimetric method

For Environmental Sciences Laboratory

Prepared and Checked by:

Verified by:

**Dr. Sonal Tawde**  
Authorized Signatory

**Dr. Vandana Gupta**  
Authorized Signatory

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# B. K. Birla College of Arts, Science and Commerce (Autonomous), Kalyan



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Reaccredited by NAAC (3<sup>rd</sup> Cycle) with 'A' Grade (CGPA-3.58) (2014-2023)  
ISO 9001:2015 Certified

## Environmental Sciences Laboratory Department of Environmental Sciences

### Ambient Air Report


Name and Address of Customer: <b>M/s. Shlok Hitech Contractors LLP</b> Gut No. 158 part, Siddhewadi village Taluka-Miraj, District: Sangli (MS)	Test Report No: 01/AS/05-2024 Test Report Date: 16/05/2024 Customer Reference: - Not Applicable Ref. Date: - Not Applicable
Sample Id: 01/AS/05-2024	Sampling Date: 13/05/2024
Sampling Done by: Environmental Sciences Laboratory	
Sampling location: Nearby Siddhewadi Village	
Sample Registration No. 7	Sample Receipt Date: 14/05/2024
Start Date of Analysis: 14/05/2024	End Date of Analysis: 15/05/2024

### Result of Analysis

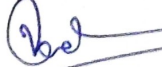
Sr. No.	Test Parameter	Unit	Result	Limit	Method used
1	Ambient Temperature	°C	Min: 24.6 Max: 35.2	-	-
2	Relative Humidity	%	Min: 52 Max: 67	-	-
3	Particulate Matter as PM 10	µg/m <sup>3</sup>	60	100	IS: 5182 (Part 23): 2006, RA 2017
4	Particulate Matter as PM 2.5	µg/m <sup>3</sup>	44	60	IS: 5182 (Part 24): 2019
5	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	50.9	80	IS: 5182 (Part 2): 2001, RA 2017
6	Nitrogen Oxide (NO <sub>x</sub> )	µg/m <sup>3</sup>	22.8	80	IS: 5182 (Part 6): 2006, RA 2017

For Environmental Sciences Laboratory

Prepared by:

  
**Dr. Sonal Tawde**  
Authorized Signatory

Checked and Verified by:

  
**Dr. Vandana Gupta**  
Authorized Signatory

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## Environmental Sciences Laboratory Department of Environmental Sciences

### Ambient Noise Level Monitoring Report

Name and Address of Customer: <b>M/s. Shlok Hitech Contractors LLP</b> Gut No. 158 part, Siddhewadi village Taluka-Miraj, District: Sangli (MS)	Report No: 01/NM/05-2024
	Report Date: 16/05/2024
	Customer Reference: - Not Applicable
	Ref. Date: - Not Applicable
Monitoring Done by: Environmental Sciences Laboratory	
Location: Nearby Siddhewadi village	Standard Method used for Monitoring: IS 9989:1981
Monitoring Start Date: 13/05/2024	Monitoring End Date: 14/05/2024
Monitoring Start Time: 06.00 am	Monitoring End Time: 05.00 am


### Monitoring Data

Time (hrs.)	Noise Level dB(A)	Time (hrs.)	Noise Level dB(A)
6.00 am	43.2	18.00 pm	60.6
7.00 am	44.1	19.00 pm	55.1
8.00 am	49.4	20.00 pm	54.6
9.00 am	51.2	21.00 pm	50.5
10.00 am	67.7	22.00 pm	50.6
11.00 am	69.6	23.00 pm	48.6
12.00 pm	71.9	00.00 am	46.5
13.00 pm	73.1	01.00 am	49.7
14.00 pm	64.3	02.00 am	42.5
15.00 pm	68.8	03.00 am	39.2
16.00 pm	73.2	04.00 am	38.8
17.00 pm	68.2	05.00 am	42.9

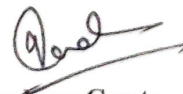
### Ambient Air Quality Standards in terms of Noise

Area Code	Category	Day Time	Night Time
(A)	Industrial Area	75	70
(B)	Commercial Area	65	55
(C)	Residential Area	55	45
(D)	Silence Zone	50	40

Prepared by:

  
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Authorized Signatory

Checked and Verified by:

  
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### Noise Level Monitoring Summary Report

Time	Min dB(A)	Max dB(A)	MPCB Limit
Daytime	42.9	73.1	75 dB(A)
Nighttime	38.8	50.6	70 dB(A)

For Environmental Sciences Laboratory

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