

Civil Engineering Department

Laghu Udvog Bharti (LUB) Dhule Unit

Duration of MoU: From 1 Oct., 2022 to Till Date

Nature of MoU: Internship-Research-Consultancy

List of Activities conducted under above MoU in Academic Year 2022-23

S.No.	Date	Duration	Title of Activity	Nature of Activity (Expert Talk/Training/Internship etc.)	No. of Participants
1.	21 Feb, 2023	1 weeks	Water Sample Testing of M/s G.S.G. Fabrics	Consultancy	02

[Signature]

Name, Designation and Signature of First Party

Principal
SVKM's Institute of Technology, Dhule



Laghu Udyog Bharti

[Signature]
President/Secretary/Treasurer

Name, Designation and Signature of Second Party



Shri Vile Parle Kelavani Mandal's Institute of Technology, Dhule

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Approved by AICTE, DTE Mumbai, Govt. of Maharashtra, Affiliated to DBATU, Lonere

Outward No.:- SVKMIOTD/ADMIN/CA/2022-23/165

Date- 21-02-2023

REPORT

To,

- G.S.G. Fabrics Pvt. Ltd.
MIDC Plot No. M-20 Avdhan
Dhule.

Date of Receipt - 17-02-2023

Reference -

1. As per telephonic conversation on 17-02-2023

Subject -

Testing of water sample for Industrial Purpose in Fabric Industry at MIDC, Avdhan, Dhule

Consulted by -

Shri Vile Parle Kelavani Mandal's Institute of Technology, Dhule. (Approved by AICTE, DTE Mumbai, Govt. of Maharashtra, Affiliated to DBATU, Lonere)

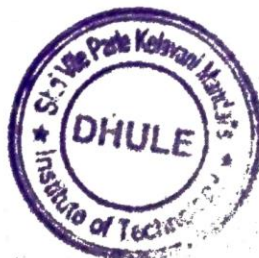
Introduction

It is desired to analyze water quality to determine its suitability for Manufacturing work in G.S.G Fabric Industry at MIDC, Avdhan, Dhule

For water quality analysis, testing work was entrusted to Shri Vile Parle Kelavani Mandal's Institute of Technology, Dhule.

Scope of services

The limited scope of services as defined in work order consisted of analysis of water sample from client for parameters mentioned in the report.



Result of Water Quality Testing


Sample: Own

S.NO.	Parameter	Unit	Value	Method of Test, Ref to part of IS 3025
1.	pH	-	7.5	Part 11
2.	Carbonate Hardness (as CaCO ₃)	mg/l	105	Part 23 & Part 21
3.	Calcium Hardness (as CaCO ₃)	mg/l	150	Part 40
4.	Magnesium Hardness (as CaCO ₃)	mg/l	185	Part 40 & Part 21
5.	Total Hardness(as CaCO ₃)	mg/l	335	Part 21
6.	Calcium(as Ca)	mg/l	60	Part 40
7.	Magnesium(as Mg)	mg/l	45.2	Part 46
8.	Chloride(as Cl)	mg/l	15	Part 32
9.	Electrical Conductivity, at 25°C	mS/cm	0.65	Part 14


Notes

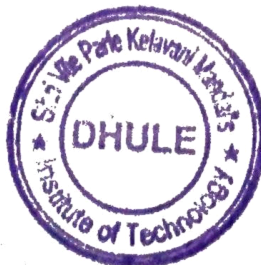
- The test results are subject to the collection method and procedure adopted to sampling of water and liable to change due to environmental conditions.
- The officials/Institute will not be responsible for these reports beyond the control of testing laboratory.

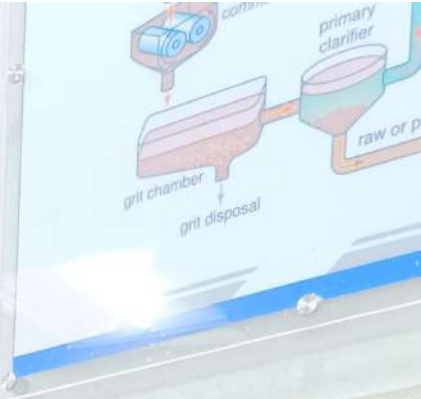
Testing In-charge


Deepak Singh Baghel
M.Tech., Environmental Engineering
SVKM's IOT Dhule


Dr. Shrikant Randhavane
HOD Civil Dept.


Dr. Nilesh P. Salunke
Principal
SVKM's IOT, Dhule





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