National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : B. R. INDUSTRIAL SERVICES, TESTING LABORATORY, CHITVAN, PLOT NO. 2, ROAD NO. 5, SECTOR-11, NEW PANVEL, NAVI-MUMBAI, RAIGAD, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6697 **Page No** 1 of 4

Validity 03/04/2022 to 02/04/2024 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformar oils	Dissolved Gas Analysis Methane (CH4)	IS 9434
2	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Appearance	IS 335
3	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Break Down Voltage	IS 6792
4	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density at 29.5 Deg C	IS 1448(Part-16)
5	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor At 90 Deg C	IS 6262
6	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolve Gas Analysis Carbon Monoxide(CO)	IS 9434
7	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis Acetylene (C2H2)	IS 9434
8	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis Carbon dioxide (CO2)	IS 9434
9	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis Ethane (C2H6)	IS 9434
10	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis Ethylene (C2H4)	IS 9434
11	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis Hydrogen (H2)	IS 9434
12	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	IS 1448 (Part 21)
13	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Inter Facial Tension	IS 6104

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14	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Kinematic Viscosity at 27 Deg C	IS 1448(Part-25)
15	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Neutralization Value	IS 1448(Part-2)
16	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Pour Point	IS 1448 (PART 10):SEC 1
17	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Resistivity At 90 Deg C	IS 6103
18	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Sediment and Sludge	IS 1866 Annex "C"
19	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Water Contents	IS 13567

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Mobile Facility				
1	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Appearance	IS 335
2	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Break Down Voltage	IS 6792
3	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density at 29.5 Deg C	IS 1448 (Part 16)
4	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor at 90 DegC	IS 6262
5	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis Acetylene(C2H2)	IS 9434
6	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis Carbon dioxide (CO2)	IS 9434
7	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis Carbon Monoxide(CO)	IS 9434
8	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis Ethane (C2H6)	IS 9434
9	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis Ethylene(C2H4)	IS 9434
10	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis Hydrogen(H2)	IS 9434
11	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis Methane (CH4)	IS 9434
12	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	IS 1448(Part 21)
13	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Inter Facial Tension	IS 6104

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14	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Neutralization Value	IS 1448 (Part 2)
15	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Resistivity at 90 Deg C	IS 6103
16	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Water Content	IS 13567