National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SGS INDIA PRIVATE LIMITED, 226 UDYOG VIHAR, PHASE 1, GURGAON, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10326 **Page No** 1 of 3

Validity 16/02/2022 to 15/02/2024 **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	Transformer Oil.	Flash Point	ISO 2719
2	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Resistivity @ 90 Deg. C & @ 27 Deg. C	IEC 60247
3	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Mineral Oil/ Unused Mineral Insulating Oil/ Unused Transformer Oil/ Used Transformer Oil.	Dielectric Dissipation Factor (Tan Delta)	IEC 61620
4	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Mineral Oil/ Unused Mineral Insulating Oil/ Unused Transformer Oil/ Used Transformer Oil.	Electrical Strength (Dielectric Breakdown Voltage) at Power frequency test method	ASTM D1816:
5	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Mineral Oil/ Unused Mineral Insulating Oil/ Unused Transformer Oil/ Used Transformer Oil.	Interfacial Tension by Ring Method against Water	ISO 6295
6	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Mineral Oil/ Unused Mineral Insulating Oil/ Unused Transformer Oil/ Used Transformer Oil.	Resistivity @ 90 Deg. C & @ 27 Deg. C	IEC 60247
7	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Mineral Oil/ Unused Mineral Insulating Oil/ Unused Transformer Oil/ Used Transformer Oil.	Sediment Sludge	IEC 60422 Annexure C
8	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Mineral Oil/ Unused Mineral Insulating Oil/ Unused Transformer Oil/ Used Transformer Oil.	Total Acidity	ASTM D974
9	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Mineral Oil/ Unused Mineral Insulating Oil/ Unused Transformer Oil/ Used Transformer Oil.	Total Acidity	IEC 62021-1 & 2
10	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil.	Dielectric Dissipation Factor	IS 6262
11	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil.	Interfacial Tension	ASTM D 971
12	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil.	Interfacial Tension	IS 6104
13	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil.	Water Content	ASTM D 1533

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14	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil.	Water Content	IEC 60814
15	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil.	Water Content	IS 13567
16	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Appearance	ASTM E 2680
17	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Appearance	IS 1866
18	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Appearance	IS 335
19	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Density	IS 1448 (Part 16)
20	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Density	ISO 3675
21	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Dielectric Dissipation Factor	ASTM D924
22	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Dielectric Dissipation Factor	IEC 60247
23	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Electric Strength	ASTM D877
24	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Electric Strength	IEC 60156
25	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Electric Strength	IS 6792
26	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Flash Point	ASTM D93
27	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Flash Point	IS 1448 (Part 21)

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28	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Resistivity @ 90 Deg. C & @ 27 Deg. C	ASTM D 1169
29	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil.	Resistivity @ 90 Deg. C & @ 27 Deg. C	IS 6103