National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MEGHA POWER SOLUTIONS, GROUND FLOOR,SAI GANESH BLDG, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5388 **Page No** 1 of 2

Validity 24/05/2022 to 23/05/2024 **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	Mineral insulating oil	Appearance	IS 335
2	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Density	IS 1448 (Part-16)
3	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Dielectric Dissipation Factor (tan Delta)	IS 6262
4	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Dissolve Gas Analysis (C2H2 Gas)	IS 9434
5	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Dissolve Gas Analysis (C2H4 Gas)	IS 9434
6	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Dissolve Gas Analysis (C2H6 Gas)	IS 9434
7	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Dissolve Gas Analysis (CH4 Gas)	IS 9434
8	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Dissolve Gas Analysis (CO Gas)	IS 9434
9	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Dissolve Gas Analysis (CO2 Gas)	IS 9434
10	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Dissolve Gas Analysis (Oxygen Gas)	IS 9434
11	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Dissolve Gas Analysis (H2 Gas)	IS 9434
12	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Dissolve Gas Analysis (Nitrogen Gas)	IS 9434
13	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Electrical breakdown voltage (BDV)	IS 6792

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14	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Flash Point	IS 1448 (P-21)
15	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Furan Analysis (5 HMF)	ASTM D 5837
16	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Furan Analysis (5MEF)	ASTM D 5837
17	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Furan Analysis (2 FOL)	ASTM D 5837
18	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Furan Analysis (2ACF)	ASTM D 5837
19	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Furan Analysis (2FAL)	ASTM D 5837
20	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Interfacial Tension	IS 6104
21	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Moisture Content	IS 13567
22	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Neutralization value	IS 1448 (P-2)
23	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Sediment & Sludge	IS 1866 (Annx-A)
24	ELECTRICAL- INSULATING MATERIALS & INSULATORS	MINERAL INSULATING OIL	Specific Resistance (Resistivity)	IS 6103