National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CG LOW VOLTAGE ROTATING MACHINE LABORATORY, CG POWER AND INDUSTRIAL SOLUTIONS LIMITED, LT MOTOR DIVISION:INDUSTRIAL SYSTEM, A 6/2, MIDC INDUSTRIAL AREA, AHMEDNAGAR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-4083 **Page No** 1 of 2

Validity 25/04/2023 to 24/04/2025 **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- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Earthing	IS 12615, IEC 60034-2-1
2	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Full Load Test to Determine Efficiency, Power Factor and Slip.	IS 12615, IEC 60034-2-1
3	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Full Load Test to Determine Efficiency, Power Factor and Slip.	IS 12615, IEC 60034-2-1
4	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Full Load Test to Determine Efficiency, Power Factor and Slip.	IS 12615, IEC 60034-2-1
5	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Full Load Test to Determine Efficiency, Power Factor and Slip.	IS 12615, IEC 60034-2-1
6	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Full Load Test to Determine Efficiency, Power Factor and Slip.	IS 12615, IEC 60034-2-1
7	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Full Load Test to Determine Efficiency, Power Factor and Slip.	IS 12615, IEC 60034-2-1
8	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	High Voltage Test	IS 12615, IEC 60034-2-1
9	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Insulation Resistance Test	IS 12615, IEC 60034-2-1
10	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Lock rotor reading of voltage Current,Power input @ suitable reduced voltage	IS 12615, IEC 60034-2-1
11	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Lock rotor reading of voltage Current,Power input @ suitable reduced voltage	IS 12615, IEC 60034-2-1
12	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Lock rotor reading of voltage Current,Power input @ suitable reduced voltage	IS 12615, IEC 60034-2-1
13	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Lock rotor reading of voltage Current,Power input @ suitable reduced voltage	IS 12615, IEC 60034-2-1
14	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Lock rotor reading of voltage Current, Power input at suitable reduced voltage for Current	IS 12615, IEC 60034-2-1

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Certificate Number TC-4083 **Page No** 2 of 2

Validity 25/04/2023 to 24/04/2025 **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
15	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Measurement of stator winding resistance test	IS 12615, IEC 60034-2-1
16	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Momentary overload test	IS 12615, IEC 60034-2-1
17	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	No Load Test	IS 12615, IEC 60034-2-1
18	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	No Load Test	IS 12615, IEC 60034-2-1
19	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	No Load Test	IS 12615, IEC 60034-2-1
20	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	No Load Test	IS 12615, IEC 60034-2-1
21	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	No Load Test	IS 12615, IEC 60034-2-1
22	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Noise level	IS 12615, IEC 60034-2-1
23	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Over-speed test	IS 12615, IEC 60034-2-1
24	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Reduced voltage running up test at No load	IS 12615, IEC 60034-2-1
25	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Reduced voltage running up test	IS 12615, IEC 60034-2-1
26	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Temperature rise	IS 12615, IEC 60034-2-1
27	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Terminal Marking and Labeling	IS 12615, IEC 60034-2-1
28	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Three Phase Induction Motor	Vibration severity	IS 12615, IEC 60034-2-1