National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PUMP TESTING LAB, DEPARTMENT OF MECHANICAL ENGINEERING, GURU NANAK DEV ENGINEERING COLLEGE, GILL ROAD, GILL PARK, LUDHIANA, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10181 **Page No** 1 of 1

Validity 27/12/2021 to 26/12/2023 **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	Submersible motor	Direction of rotation	IS 8034
2	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible motor	High voltage test	IS 8034
3	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible motor	Insulation resistance test	IS 8034
4	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible motor	Leakage current test	IS 8034
5	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible motor	Locked rotor test	IS 8034
6	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible motor	Measurement of staor resistance	IS 9283
7	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible motor	No load running of motor	IS 8034
8	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible motor shaft	Surface finish of shaft or roughness testing	IS 9383
9	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pump	Hydrostatic test	IS 8034
10	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pump	Pump Performance test	IS 8034
11	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pump and motors	Marking	IS 8034
12	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pump set	Balancing of rotor and Impeller	IS 8034
13	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pump set	Temperature rise test at rated voltage	IS 8034
14	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pump set	Temperature rise test at reduced volatge	IS 8034