PUMP TESTING LAB (PTL)

(NABL ACCREDIATED)

Director (DPTL) : Dr. Sehijpal Singh

Head (HPTL) : Dr. J. S. Grewal

Quality Manager (QM) : Dr. Prem Singh

Technical Manager (TM) : Er. Davinder Singh Bhogal

Quality In-charge (QIC) : Er. Gurpreet Singh Bath

Technical In-charge (TIC) : Dr. Harnam Singh Farwaha

Name of Lab Technician - I : Mr. Balbir Singh

Name of Lab Technician -II : Mr. Inderjit Singh

Name of Lab Attendant : Mr. Sarbjeet Singh

Floor Area: 713 sq. ft. covered area





National Accreditation Board for Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

PUMP TESTING LAB

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

DEPARTMENT OF MECHANICAL ENGINEERING, GURU NANAK DEV ENGINEERING COLLEGE, GILL ROAD, GILL PARK, LUDHIANA, PUNJAB, INDIA

in the field of

TESTING

Certificate Number:

TC-13581

Issue Date:

01/05/2024

Valid Until:

30/04/2026

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL. (To see the scope of accreditation of thislaboratory, you may also visit NABL website www.nabl-india.org)

(PA & INDIA &

Name of Legal Entity: Nankana Sahib Education Trust

Signed for and on behalf of NABL



Creslition

N. Venkateswaran Chief Executive Officer





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

ISO/IEC 17025:2017

Accreditation Standard Certificate Number

TC-13581

Page No

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Validity

01/05/2024 to 30/04/2026

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 Testing		**************************************
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



Fig3: Pump Testing Lab

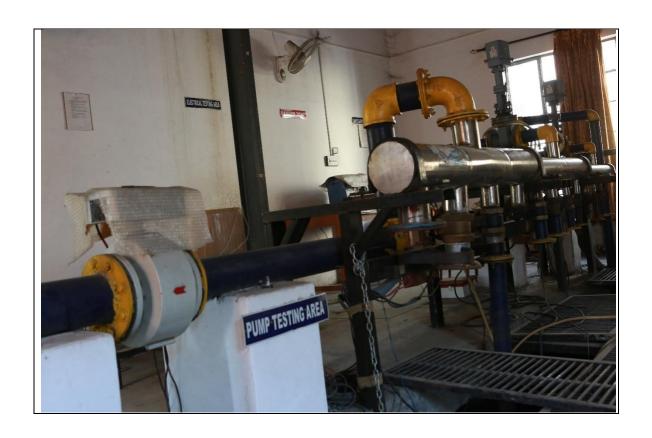


Fig.4: Pump Testing Area