

PUMP TESTING LAB (PTL)

(NABL ACCREDITED)

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 this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: Nankana Sahib Education Trust

Signed for and on behalf of NABL




N. Venkateswaran
Chief Executive Officer

Fig 1: NABL Certification of Accreditation



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-13581

Page No

1 of 1

Validity

01/05/2024 to 30/04/2026

Last Amended on

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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 stator 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 voltage	IS 8034

This is annexure to 'Certificate of Accreditation' and does not require any signature.

Fig 2: Scope of Accreditation



Fig3: Pump Testing Lab



Fig.4: Pump Testing Area