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PRESS RELEASE

ITI Limited's EMC Lab Receives Certificate of Accreditation from NABL

BENGALURU: The Electromagnetic Compatibility Laboratory (**EMC Lab**) at **ITI Limited** has received an accreditation from National Accreditation Board for Testing and Calibration Laboratories (**NABL**) in accordance with the standard **ISO/IEC 17025:2017 - General Requirements for the Competence of Testing & Calibration Laboratories** in the field of Electrical Testing. The EMC LAB has been assessed and accredited in accordance with the standard ISO/IEC 17025:2017.

EMC Lab has obtained renewal of NABL Accreditation for EMI/EMC Lab and fresh accreditation for **Safety Lab** also. Certification validity is for two years up to 26.08.2025. **ITI Limited** has set up the state-of-the-art Electromagnetic Compatibility (EMC) and Electromagnetic Interference (EMI) Testing Facilities at its ITI Bangalore Plant where many customers leverage the testing expertise of ITI Limited.

This lab is a part of the Telecom Testing Centre, which ITI Limited has built in-house as per the MoU signed with TEC to meet the EMC requirements of the telecom equipment launched in the market. This lab can test Industrial, Scientific, Medical and IT equipment for Emission and Immunity requirements of TEC as per International Standards. MIL-STD-461 E/F/G is followed for Defense and Commercial equipment can be tested as per CISPR 11/22/15/32.

Electromagnetic Compatibility (EMC) testing measures the ability of equipment or systems to function satisfactorily in their electromagnetic environment without introducing intolerable electromagnetic disturbance to anything in that environment. With this accreditation, ITI Limited can support manufacturers and product designers in the industrial, commercial, information technology, telecom and medical fields by detecting the slightest anomalies in the electromagnetic and electrical operations of their products and address compliance and market access challenges.

The scope of ITI Limited's EMC Lab include:

- Electrical and Electronic equipment used in Industrial, Residential, Commercial and Light Industrial environment
- Electrical equipment for measurement, control and laboratory use
- Electrical Lighting and Similar Equipment
- Electrical/Electronic Equipment System/Subsystem/Vehicle Mounted Systems,
- Equipment for general lighting purposes, Flicker, IT Products /Domestic /Industrial Automation /Scientific /Medical /Telecom/Consumer /Household /Machinery / Test and Measurement Equipment /Laboratory Equipment / Locomotive /RF Products / Wireless Products, Household appliances, Electric tools and similar apparatus,
- Industrial, Commercial and Medical Equipment, Industrial, Scientific and Medical, Commercial Equipment, Medical electrical equipment
- Multimedia Equipment, Radio Frequency Device
- Railway applications - Signaling and Telecommunications apparatus
- Audio/video, information and communication technology equipment

Speaking on this occasion **Mr. Rajesh Rai, Chairman & Managing Director, ITI Limited** said, *“Our EMC Lab is one of its kind PSU lab in India which is capable of meeting all global testing requirements in accordance with national/international standards as well as domestic/international original equipment manufacturers (OEMs) standards. The accreditation of our EMC Lab*

*will further strengthen customer confidence and satisfaction, and reinforce ITI Limited as a force to reckon with in testing arena. This accreditation will increase the trust of our customers regarding reliable testing and accurate calibration possessed by ITI. **Mr. Rai added,** "This state-of-the-art testing facility delivers high-quality test results and brings an immense advantage to the industry by supporting them in their EMI/EMC requirements and assisting them with faster market access. The NABL accreditation brings higher credibility to ITI Limited as the laboratory now meets both national and international standards".*

NABL accredited labs use procedures specifically developed to determine technical competence, thus assuring stakeholders that the test results supplied by the concerned lab are accurate and reliable.

The importance and benefits of NABL accreditation include formal recognition of competence of a laboratory by NABL in accordance with international criteria, a ready means for customers to identify and select reliable testing, measurement and calibration services that are able to meet their needs, increased confidence in Testing/ Calibration Reports issued by ITI which emphasise on accuracy and reliable results, and also help our clients in participating in tenders that require independently verified laboratories.

About ITI Limited

ITI Limited, country's premier telecom company and multi-unit central public sector undertaking, is a total solutions provider in telecommunications segment. The company has state-of-art manufacturing facilities in six locations (Bengaluru, Naini, Raebareli, Mankapur, Srinagar and Palakkad) along with an in-house R&D centre in Bengaluru and marketing, sales & projects (MSP) offices spread across the country.

The company offers complete range of telecom products covering the whole spectrum of switching, transmission, and access & subscriber premises equipment. Besides offering the latest telecom solutions and customized support to a variety of business, ITI Ltd has dedicated Network System Unit (NSU) for carrying out installation and commissioning of equipment and for undertaking turnkey projects.

ITI Ltd is focused on manufacturing of diversified products in defense and railway sectors and the manufacturing of solar equipment, NGN products, GPON, LED lighting systems, optical products, PMP microwave along with other allied products like HDPE, OFC, LI-ION batteries, smart cards, defense equipment, Wi-Fi etc. The company is also consolidating more of its diversifications into defense, IOT, E-governance, IT projects and services sector to gain competitive edge. The company is also successfully running state-of-art Data Centre at Bengaluru unit and offering its services to government institutions/departments, banks etc. To know more, please visit www.itilttd.in

About NABL

National Accreditation Board for Testing and Calibration Laboratories (NABL) is an accreditation body, with its accreditation system established in accordance with ISO/ IEC 17011. NABL provides voluntary accreditation services to testing laboratories in accordance with ISO/ IEC 17025. NABL is Mutual Recognition Arrangements (MRA) signatory to ILAC as well as APAC for the accreditation of Testing and Calibration Laboratories (ISO/IEC 17025), Medical Testing Laboratories (ISO 15189), Proficiency Testing Providers (PTP) (ISO/IEC 17043) and Reference materials producers (RMP).

To know more, please visit <https://nabl-india.org/>