

## FOR NON-CONTACT INFRARED TEMPERATURE MEASUREMENT SYSTEMS

AMETEK Land India offers an accredited best in class certification service to ensure you are obtaining the optimal operating performance from your temperature measurement systems, improving the accuracy of your measurement capability and meeting required national and international quality standards.

Our certification laboratory based in Bangalore, India, is certified to the international standard ISO / IEC 17025:2005 (General requirements for the competence of testing and calibration laboratories) by National Accreditation Board for Testing and Calibration Laboratories (NABL) to offer a comprehensive service for the certification of infrared thermometers, thermal imagers and scanners.

Our certification service verifies the performance accuracy of your instrument at a given point in time by quantifying

its errors and these are reported in a national accreditation certificate confirming it meets the requirements of ISO / IEC 17025:2005.



## WHY CERTIFY?

### Improved Measurement Capability

Quantifying your instrument's temperature measurement errors, allows you to apply these errors as compensation to improve your practical measurement uncertainty.

### Continued Compliance

Routinely performing traceable certification confirms compliance of your instrument, giving an improved insight into your instrument's long-term performance, aiding process stability, leading to improved quality and minimising expense.

### Traceability to National and International Standards

For measurements to be interchangeable, they must relate to a common standard. For temperature measurement that is ITS-90 - The International Temperature Scale of 1990 and traceability refers to a chain of measurements linking an instrument's performance to ITS-90. Certification under the ISO / IEC 17025:2005 standard assures the user that their instrument's certification is traceable, giving continued confidence in interchange of measurement.

## KEY BENEFITS

- **Extensive temperature range for non-contact infrared thermometers** – 0 °C to 1600 °C (32 °F to 2912 °F)
- **Fully trained technicians** use approved and traceable certification equipment
- **Certification for both AMETEK Land and other manufacturer's instrumentation**
- **Indian laboratory certified to ISO / IEC 17025:2005** with relevant national approval
- **Specially manufactured standards** enable the accurate reporting of measurement uncertainties