## TESTING, TRAINING & RESEARCH

**TTR Institute** is an accredited laboratory providing comprehensive **material Inspection and Testing Services** with product performance reporting based on manufacturer specification. **TTR Institute** also provides product installation **Personnel Certification**, utilizing the most current regulatory Standards.

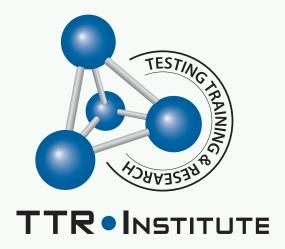
## Main services include:

- **✓** Inspections in conformity with UNI CEI EN ISO/IEC 17020
- ✓ Legal reports
- Equipment rental
- ✓ Welding Procedure Specification (WPS) and Qualification (WPQR)
- ✓ UNI 11024 system certification
- ✓ Technical Assistance
- ✓ Tests on installed and stocked materials
- Calibration services
- ✓ Life Cycle Assessment (LCA)

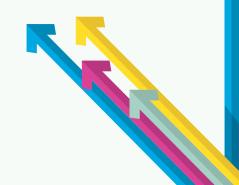


#### TTR INSTITUTE SRL

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# POWER IN SERVICE

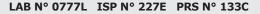


# Professionalism, reliability, impartiality and dynamism are our distinctive traits.



CE

**NOTIFIED BODY N° 2655** 









TTR Institute is an independent and consolidated company specialized in carrying out tests and inspections according to reference standards.

- ✓ Test laboratory accreditation no. and state of the art instruments are 0777L issued by ACCREDIA in conformity with the requirements of the UNI CEI EN ISO/IEC 17025 standard (for details of accredited tests, see the list published on the website www.accredia.it).
- ✓ International recognition by major certification bodies.

TTR's Core Business concerns fluid conveyance systems and all related component parts: pipes, fittings, valves, tapware.

Our highly trained technical staff constantly evolving in order to cater to industry standards and market demands. TTR's **mission** is to support clients in product performance assessment compared to regulatory standards for certification purposes and provide technical support during all Research and Development phases.



### PERSONNEL CERTIFICATION DIVISION

TTR Institute s.r.l., through accredited Certification Schemes, verifies professional personnel possess, maintains and improves over time the necessary skills and the set of knowledge required for the assigned tasks.

Fair, independent and impartial assessment of knowledge and skills. Certify skills to operate in a qualified and recognized way on the market. Services to certify and enhance professional skills.



### **METAL MATERIALS**

**Certification of welders** and coordinators for steel. copper and brass

for the following processes:

- Shielded Metal Arc Welding (SMAW)
  - MIG/MAG Welding (GMAW)
    - TIG Welding (GTAW)
  - Oxyfuel Gas Welding (OFW)



### PLASTIC MATERIALS

Certification of welders and coordinators for pipes, fittings, sheets and lining membranes for the following processes:

- Heated tool welding
- Electrofusion welding
  - Hot gas welding
- Extrusion welding
- Solvent welding



### **FLUORINATED GASES**

**Certification of technicians working** on refrigerator systems, conditioners and heat pumps containing greenhouse gases.

