

Trane Services

Trane equipment pressure inspection

Regulatory compliance

TRANE
TECHNOLOGIES

You need full compliance. We can help.

Your HVAC equipment must meet the highest standards for:

- Reliability
- Environmental impact
- Efficiency
- Conformity with regulations.



For example, pressure vessel compliance must be checked periodically throughout the equipment lifetime. These requirements are dynamic on account of changes in the regulations.

During design and manufacturing

Chillers make use of evaporators and condensers which are defined as pressure vessels. These must comply with numerous regulations to make sure they operate safely and efficiently across a wide range of operating conditions. For this reason, they are manufactured strictly following Pressure Equipment Directive (PED) regulations.



The PED focuses on:

- System design and drawings
- Material selection
- Safety device qualification
- Production method qualification.

After commissioning

Equipment must be checked periodically following local regulations. These mandatory check-ups are the responsibility of the equipment owner or the maintenance company. Inspections should be performed by approved agencies.

As the manufacturer, Trane has detailed knowledge of the equipment and can help you to perform these inspections. Our services include:

- Safety valve changeover
- System checkup
- Exchanger and equipment pre-inspection
- Preparation of regulatory documentation

Potential consequences of non-compliance

- Blocked safety valve that cannot release excess pressure
- Improperly modified safety valve that fails to open
- Pressure switch failure resulting in excessive compressor pressure
- Shell corrosion with leaks or cracks causing the loss of refrigerant and cooling capacity.

Non-compliant equipment may be forced to cease operation.

A complete offering

- Trane can provide assistance for pressure vessel inspections. This will facilitate the inspection and ensure a successful outcome.
- Trane can provide a full evaluation of the exchanger condition by performing a tube analysis.
- The Trane Chiller Health Check Program can provide a complete and cost-effective evaluation of the condition of the installation.

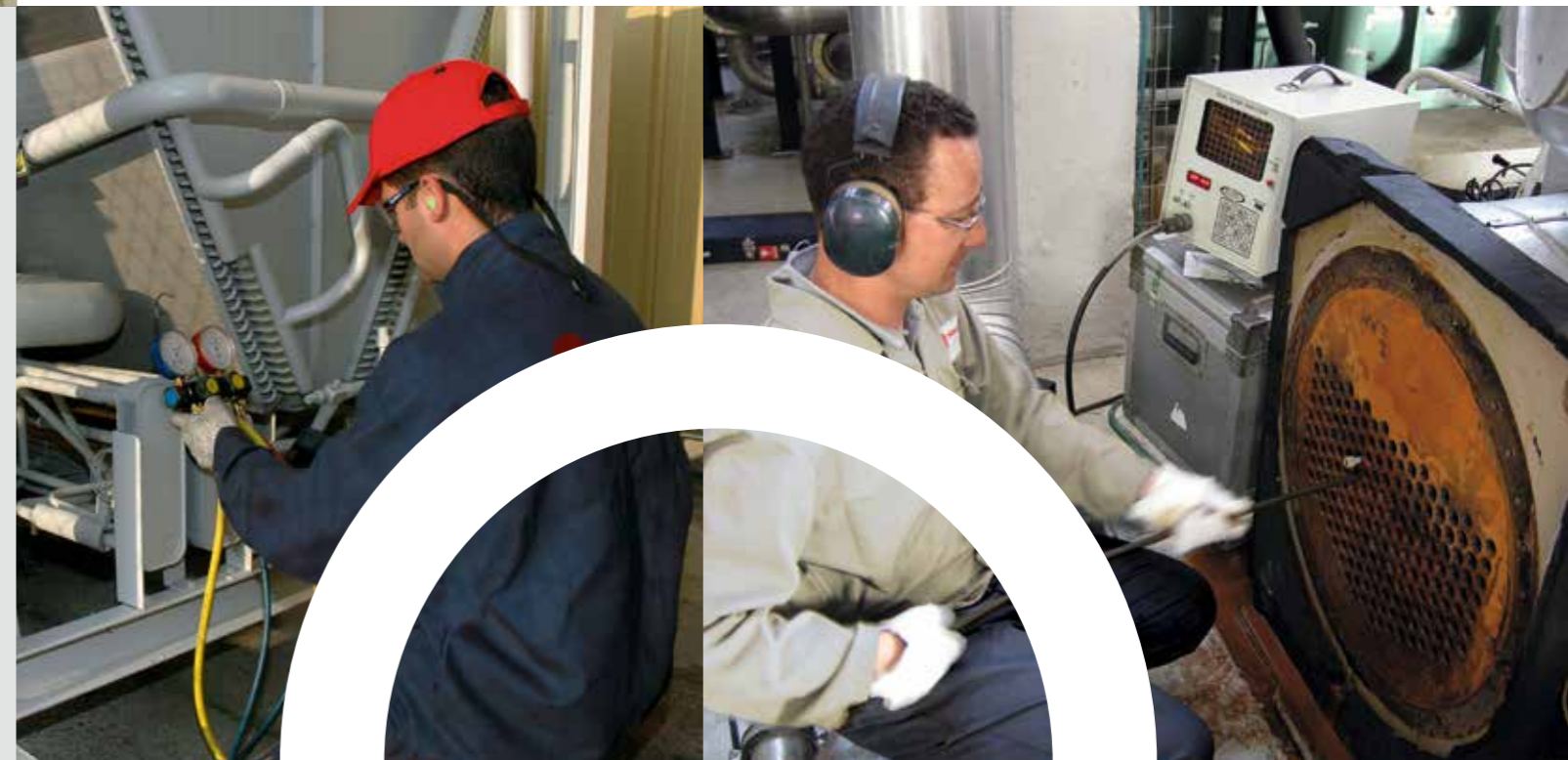
Contact us

Call us today to ensure you conform with local regulations, including local pressure vessel approvals.

Our experts will listen carefully to your needs and propose the best solution to keep your equipment operational and fully compliant.

Equipment Pre-inspection

Tube Testing





Trane Services

The real expertise of a manufacturer



- Systems approach
- Dependable installations
- Energy saving solutions
- Operating cost optimization
- Chiller plant management solutions
- Chilled water production solutions.

At Trane, we are committed to providing a comprehensive portfolio of HVAC solutions throughout your system lifecycle.



Breakdown resolution

No one plans for breakdowns, but when they happen you need the right partner. Our expert Service Engineers use the latest diagnostic tools to guide you through your options to Repair, Renew, Replace or ReThink.



Secure operations

At every point during the lifetime of your equipment - installation, commissioning, maintenance or breakdown - Trane can offer an effective solution with commissioning, first-aid kits and service agreements.



System upgrade

Trane Building Advantage

Trane is committed to bringing the latest technological advantages to our customers through a wide portfolio of solutions which increase the Efficiency, Reliability and Sustainability of their HVAC plants. Our Service Engineers use their expertise together with the latest diagnostic tools to future-proof your system and make it "better than before".



Equipment rental

For special events, exceptional needs or when you want to ReThink HVAC management, Trane Rental Services have the right solution. With our extensive fleet of equipment, we can perfectly match your temporary heating and cooling requirements.



Contact us

With over 1000 of the best trained sales engineers and service technicians in the industry, Trane is in the best position to serve your needs. Just call us and we will help you configure the Trane Free Cooling solution for your HVAC system.



Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments through a broad portfolio of heating, ventilating and air conditioning systems and controls, services, parts and supply. For more information, please visit trane.eu or tranetechnologies.com.