

TIPCHECK

Technical Insulation Performance Check

CHECK Your Savings Potential in 3 Short Steps:

1. Do you inspect the insulation of your facility on a regular basis, e.g. for ice build-up, surface temperatures above 50 °C?
2. Are all pipes, vessels, valves and flanges on your plant insulated?
3. Are you aware of the fact that investments in technical insulation usually have a payback period of less than one year?

Not sure? Contact EiiF to learn how proper insulation can save you money and energy.

Visit: www.eiif.org

About 10% of the equipment in EU industrial plants is covered with damaged insulation or none at all.

Insulating bare surfaces can reduce heat loss by up to 95%.

Cost-effective insulation will reduce your life-cycle costs significantly.

www.eiif.org

Technical Insulation Performance Check

- ▶ Thermal energy audit
- ▶ Performed by certified TIPCHECK engineers
- ▶ Quality-controlled by EiiF
- ▶ Easily integrated with energy management systems, e.g. ISO 50001

TIPCHECK Thermal Energy Audits

The aim of the TIPCHECK programme established by the European Industrial Insulation Foundation (EiiF) is to provide industry with a standardised, high quality thermal energy audit tool. TIPCHECKs quantify the amount of energy and money an industrial facility is losing with its current insulation system (including uninsulated parts).

TIPCHECKs evaluate the insulation systems of existing facilities, planned projects or retrofits and demonstrate how more efficient insulation could:

- ▶ Save energy
- ▶ Save money
- ▶ Contribute to a cleaner environment through reduced CO₂ emissions

In addition to energy efficiency potentials, TIPCHECK thermal energy audits can help to identify:

- ▶ Process efficiency improvements
- ▶ Safety risks to personnel

TIPCHECK at Your Facility

Step 1 Establish your objective(s)

- ▶ Cost-efficiency?
- ▶ Maximize energy savings and CO₂ reduction?
- ▶ Optimize your specifications to meet (future) energy prices and emission reduction goals?

Step 2 Facility visit with TIPCHECK engineer

- ▶ Assess the state of your insulation
- ▶ Identify areas with the highest energy savings potential
- ▶ Determine the initial scope
- ▶ Collect all information needed

Step 3 Calculate your potential energy and cost savings as well as resulting payback period



Watch the Insulator:
Hasta la vista CO₂!
www.eiif.org/insulator

The **European Industrial Insulation Foundation (EiiF)** is a non-profit foundation registered in Switzerland.

It has been set up to promote and establish the use of industrial insulation as a widely understood and accepted means of achieving sustainability.

European Industrial Insulation Foundation
Avenue du Mont-Blanc 33
1196 Gland (Geneva)
Switzerland

Phone: +41 22 99 500 70
Fax: +41 22 99 500 71

Email: info@eiif.org