

# Training

# Cooling

## ■ Objective

This training provides basic knowledge of industrial cooling with a specific accent given to appropriate energy saving measures.

## ■ Target group

Technical and energy managers, process engineers.

## ■ Duration

1/2 day

## ■ Content of the training

- Types of cooling: industrial, commercial and tertiary cooling and their corresponding cooling systems and applications.
- Low-energy cooling systems: floating high pressure, intelligent defrosting systems, water-cooled condenser, speed controls on the ventilators, etc.
- Optimisation of cooling parameters: condensation pressure, evaporation pressure, "overheating", etc.
- Practical examples: Laborelec has a unique test bench available that can test various configurations, control systems and components. Furthermore Laborelec carries out "energy audits" on existing cooling installations. Various case studies are illustrated on the basis of this experience.

## ■ Specific aspects

The training may be given anywhere. However a training day at Laborelec in Linkebeek allows a demonstration of the test bench.

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## Five reasons for you to choose Laborelec:

- you have one-stop shopping for your energy needs;
- you get access to more than 40 years of experience;
- you get rapid service with reliable solutions;
- you increase the profitability of your installations;
- you benefit from independent and confidential advice.

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