

# FROM DESIGN TO TRAINING INDUSTRIAL COLD AIR TREATMENT CLIMATIC ENGINEERING VENTILATION ATEX SOLUTIONS





## **INDUSTRY**

# **Chemical and petrochemical**

In the design and implementation of its solutions in cold and air treatment, **Paumier** integrates the specificities of the chemical and petrochemical industries.

In chemical and petrochemical industries, operations generally perform in harsh environments.

This requires reliable and durable equipment that can operate in extreme weather conditions.

# • Design of refrigerating productions tailored to your process

- Designing and producing refrigerating units for cold production and distribution with refrigerants (direct expansion up to -60°C, ammonia installations) and/or with coolants at all temperatures (MEG, MPG, Temper, Calcium chloride...)
- Air conditioning of analyzer shelters set up in ATEX zones 1 and 2
- Cooling of hydrocarbons storage tanks
- Manufacturing of adjustable and mobile exchanger skids
- Design and manufacturing of ATEX liquid chiller
- Set up of fume cupboards, bench tops, air extractors
- Realization of utilities piping (compressed air, nitrogen, oxygen, hydrogen...)

### • Control and Management of all types of atmospheres

- Laboratory air treatment and distribution by filtration, purification, pressurization, circulation, cooling, heating, dehumidification and humidification in corrosive atmosphere ( $\rm H_2S$ , marine, explosible)
- Installations compliance according to the evolution of European standards

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