

Operation and Management of Industrial Gas Turbines

TRAINING OBJECTIVE

Know how to operate a type 5000 industrial combustion turbine with supervision

Length of the course: 5 days for initial training

People concerned: Maintenance and operations technicians

PEDAGOGY

- Theoretical and practical training on the clients installations
- Individual testing of knowledge at the end of the course
- A certificate attesting the participation in the course will be sent to the employer

TRAINING PROGRAM

- The description and the characteristics of the GT
- The management of TAC
- The roles and operation of auxiliary circuits
- Normal values for the operating parameters
- Start-up and shutdown sequences, with descriptions of the main steps
- Checks to be made before, during and after starting the CT
- The description of the DCS (distributed control system)
- Modes and conditions of the load setting
- The mechanical and electrical protections of the unit and a description of their role
- The alarm thresholds and trips
- Synchronisation in manual mode
- Monitoring of the main parameters
- Maintenance of the CT