

Position

Industrial engineer – Cryogenics profile

Title

Industrial Engineer – Cryogenics profile

Minimum requirements

Master's degree in Industrial engineering (specializations in Cryogenics, Nuclear, Mechanical, Energy, or Chemical Engineering)

Competence group

Thermo-mechanical systems engineering

Scope of the group's expertise

Design, implementation, and management of thermo-mechanical systems and plants for the experiments of the Consorzio RFX.

Duties and responsibilities

- Support the management, monitoring, commissioning, tuning, and optimization of the cryogenic plant of the experiments during commissioning, operation, and regeneration phases;
- Participate in experimental sessions in the role of shift engineer;
- Manage acquisition and analysis of plant diagnostic data;
- Produce and update technical documentation related to the cryogenic plant;
- Produce and update scientific reports on the operation of the cryogenic plant, including participation in international meetings and conferences.
- Participation in experimental sessions, in shift, too.

Preferred requirements

- Proven experience in the operation and monitoring of cryogenic plants;
- Good knowledge of vacuum technologies;
- Good knowledge of regulations concerning pressure equipment;
- Good knowledge of cryogenic plant design;
- Good knowledge of cryogenic system simulation codes;
- PhD in one of the disciplinary areas required for the Master's degree

Contract type

Fixed-term position: 2-year contract, renewable