

Position

Thermo-mechanical engineer

Title: Thermo-mechanical engineer

Minimum requirements:

Master's degree in Mechanical, Nuclear, Aerospace, or Energy engineering

Competence group: Thermo-mechanical components engineering

Group scope of expertise:

- Thermo-mechanical engineering
- Vacuum technology

Duties and responsibilities:

- Perform thermo-mechanical analyses for the design, review, or modification of components;
- Define design specifications;
- Contribute to the follow-up of procurements, including any modifications during execution;
- Implement quality and engineering management processes;
- Produce and update the technical documentation required for the management of the projects in which one is involved, supporting the project manager;
- Produce and update scientific reports, including participation in international meetings and conferences;
- Participate in experimental sessions, including shift work.

Preferred qualifications:

- Experience in Mechanical engineering projects and/or in the field of high-precision, high-technology systems engineering;
- Knowledge of at least one design and construction code/standard;
- Proficiency in ANSYS or equivalent tools, particularly for thermo-mechanical verification of complex components;
- Knowledge of CATIA CAD;
- Knowledge of regulations on pressure equipment and on the design of high-temperature systems;
- Knowledge of vacuum technologies;
- Understanding of Project management processes, particularly for managing scope, costs, schedule, and risks;
- PhD in one of the disciplinary areas relevant to the required master's degree.