

Stress Engineer

Company Overview

Eurotecnica Contractors and Engineers is an internationally renowned engineering and contracting company, active in the chemical, petrochemical, refining, and solar fields.

Eurotecnica is part of the **Proman Group** - a corporation with assets in Trinidad & Tobago, USA, Mexico, Germany, Italy, Switzerland, Portugal, and Oman.

The Opportunity

The selected candidate will be responsible for activities related to Mechanical discipline within a project.

As part of a group of mechanical engineers assigned to the project, he/she prepares deliverables and executes activities within the mechanical discipline for a specific project in compliance with safety and technological requirements and standards defined for the project.

He/She reports to the Head of Department, while reports to the Mechanical Discipline Leader assigned to the project for the project related activities.

Key Responsibilities

Guided by the Mechanical Discipline Leader, Stress Engineer main tasks during project execution are:

Development of discipline deliverables such as:

- Develops the calculations of the static equipment as per project codes and standards and technological requirements from Process Discipline.
- Prepare the calculation reports.
- Draws the equipment and accessories related to them.
- Review the engineering drawings and the relevant mechanical calculations of pressure equipment supplied by the Manufacturers and/or by the detail engineering Companies.
- Perform piping stress analysis of critical piping systems.
- Produce piping loads on steel structures and foundation.
- Arrange data sheet for piping supports, springs, and expansion joints.
- Selects the supports of the lines and communicates them to the piping discipline leader.
- Prepares required lists, Bill of Material and Material Take-Off.

As part of the Department the Stress Engineer:

- Provides feedback to Stress Discipline Leader to increase efficiency of the group assigned to the project

- Receives continuous training on the job according to the needs of the Department acquiring competences and shared experiences
- Keeps himself updated about the mechanical design
- Pursues the continuous improvement of his proficiency and technical competences

Possible additional tasks:

- He/She can be asked to assist the pre-commissioning/commissioning supervisor and start-up supervisor for all those activities related to plant process automation
- He/She can be asked to participate to manufacturer inspections

Requirements

- Degree in mechanical engineering.
- 2/3 years of work experience in engineering design in Oil & Gas or Power sectors is preferred.
- Knowledge of CAESAR II or equivalent software.
- Knowledge of main international standards (i.e. ASME B31 sections).
- Knowledge of AutoCad or other CAD Software.
- Proactivity, sense of initiative, ability to work independently and in a team.
- Fluent in English (written and spoken).
- Availability to short and long term national and international business trips.

We encourage candidates who may not meet every single requirement to apply, as we provide opportunities for growth and learning.

What we offer

- **Work-life balance:** The company offers the option to work both in the office and from home, thanks to **competitive remote working, flexible working hours and devices.**
- **Investment in personal growth:** Coaching and learning programs are planned, with scheduled sessions between employees and managers to define growth paths. We believe in **training on the job** and **learning by doing** methods. We offer a **permanent contract** and **annual gross salary** commensurate with experience.
- **Employee wellbeing:** Support is offered through health insurance, corporate welfare and wellbeing initiatives. **Corporate welfare:** for example, supplementary health care fund, occupational and non-occupational accident policy. **Great ticket restaurant** and always a **free coffee.**

Selection process

The process includes interviews with the HR team, technical assessments and final in-person meetings.

If all of this sounds good to you, then follow the instructions to apply and start your journey with Eurotecnica. Applications are encouraged even if you do not meet all the requirements, underlining the importance of **passion and commitment**.

Send an email to: jobs@eurotecnica.it with your **cover letter** and **Resume/CV**.
Subject line: **Ref. COD.: MEC**

If this is not your preferred job position, come and **visit us** on our [ETCE - Job Opportunity](#). We are looking. The next one could be you!

Commitment to DE&I: The company celebrates differences, ensuring equal opportunities for all candidates regardless of their background or identity.

You can find out more about our company values and culture through our [ETCE WEBSITE](#).

The offer is open to both genders in accordance with L.903/77 and L.125/91. Candidates are invited to specify their consent for the processing of personal data (Legislative Decree 196/03) under Article 13 of the GDPR (EU Regulation 2016/679). All data provided by candidates is processed exclusively for purposes related to the selection process.