

As a more than 245-year-old family business with over 2,500 employees worldwide, the BUTTING Group is one of Europe's leading stainless steel processors. Our customers benefit from the strengths of the individual companies, which are combined to the advantage of our partners. Our engineering office in Oberursel, near Frankfurt am Main (Germany), offers our customers a broad portfolio of engineering services.

For supporting our *Mechanical* team, BUTTING Plant Engineering GmbH in Oberursel is as soon as possible looking for a

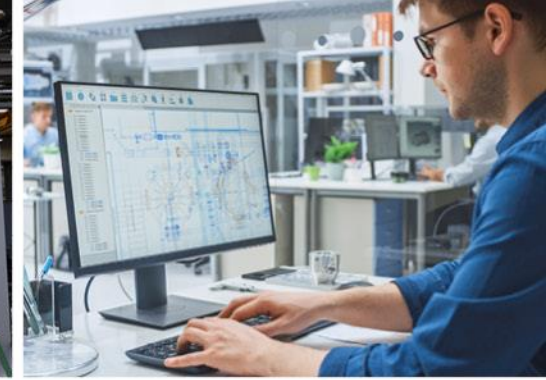
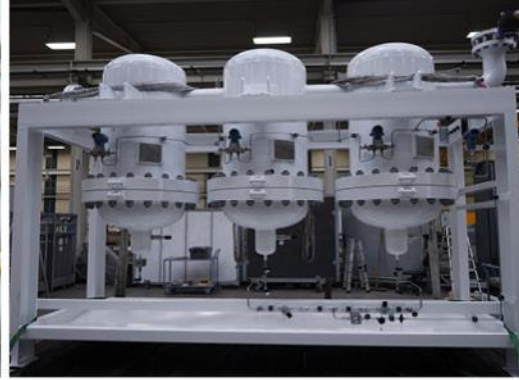
Mechanical FEA / FEM Calculation Engineer

Reference number: 02-2025

Responsibility / tasks:

- Calculating and documenting the finite element calculations (linear, non-linear, static and dynamic calculations) using the software ANSYS and / or Inventor Nastran
- Familiar with Rohr2 calculation results and able to define the external loads (e.g. nozzle loads) to the FEA model
- Dimensioning of the anchor bolting of the different tank and hopper installations
- Coordination and co-operation with the project teams
- Working as team member in operative and development projects
- Improving the calculation processes between different company locations
- Supporting the sales teams in sales phase, e.g. defining the different material requirements for the offered equipment
- Co-operation with external engineering service providers, and performing the validation of calculation results
- Working actively in project supporting the design process and taking care of possible design and scope changes
- Take care of the task scheduling according to the project plan
- Risk management according to the international standards and norms (EN, PED and ASME) to reduce risks on design level





Qualification / Profile:

- Experience and knowledge from FE calculations, at least 2-year experience
- Master or Bachelor of Science in mechanical engineering, product engineering, mechatronic or similar
- Very good spoken and written German and English
- Good knowledge of MS Office tools (Word, Excel, PowerPoint)
- Basic knowledge of the flange calculations (AMTEK)
- Basic knowledge of the dimensioning the expansion joints (DIMY)
- Good communication and teamwork skills
- Ability to see and identify actively the possible design improvement
- Willingness to travel (occasionally)
- Experience from Rohr2 is seen as advance

You can look forward to a job in a family-run and economically stable company in the 7th generation with prospects for the future. We offer an open, friendly and collegial working atmosphere with flat hierarchies and short decision-making processes. You will receive a fair salary with holiday and Christmas bonuses as well as other company benefits. You can look forward to working in a committed team.

Please send us your detailed application by e-mail, stating your salary expectations and your earliest possible starting date:

Your contact

Alissa Fiedler

Phone: +49 151 55655553

alissa.fiedler@butting.de

BUTTING Plant Engineering GmbH

Frankfurter Landstr. 62a

61440 Oberursel / Germany

www.butting.com