

Design Engineer (m/f/d)– Mechanical Design - After treatment systems for large gas engines

Your tasks:

- Engineering and design tasks in the field of "After treatment systems for large gas engines" with the main focus on
 - Mechanical design of exhaust after treatment systems (silencers, catalysts, piping systems, etc.)
 - Development of new systems and components
 - Detailed engineering for the production of individual components (steel construction, sheet metal bending parts and welded constructions)
- 3D-CAD design of assemblies/components with CATIA V5 in our customer's PLM system incl. release processes
- Creation of production and assembly drawings in coordination with production and suppliers, creation of parts lists
- Technical risk analyses and documentation of results

Requirements:

- Training as an engineer or technician (mechanical engineering) or comparable qualification.
- Distinct technical understanding and solution-oriented way of working
- Confident handling of CATIA V5Responsible, independent and team-oriented way of working
- Professional experience in design and product development of mechanical / metallic components
- High communication skills in the technical team (language: DE & EN)

Desirable:

- Knowledge of large engine technology, after-treatment, system and plant engineering.

What awaits you :

- Become part of the energy turnaround in the engineering environment
- Permanent position for an unlimited period (full-time, 40h/week).
- Varied and interesting tasks in our "Large gas engines" team
- Hybrid work models, flexible working, trust-based working hours
- Open, informal working atmosphere with flat hierarchies
- Personal development and perspectives for a long-term cooperation

Interested?

We look forward to hearing from you or receiving your application!



Julia Gebhardt

+49 9151 60 950 69

Julia.gebhardt@ctwe.de

Design Engineer (m/f/d) – Mechanical Design - After treatment systems for large gas engines

Project examples and typical tasks

Product development (3D-CAD)



We develop new systems and components in the field of exhaust gas aftertreatment in direct cooperation with our customer and different departments (testing, sales, development, simulation, manufacturing, etc.).



Detailed Engineering & Documentation



- Creation of standard-compliant production drawings (sheet metal/welded constructions)
- Determination of tolerances
- Execution of tolerance analyses
- Data maintenance and release process in PLM (Windchill)
- Technical documentation, creation and processing of change requests
- Optimization of the design according to manufacturing aspects



Interested?

We look forward to hearing from you or receiving your application!



Julia Gebhardt

+49 9151 60 950 69

Julia.gebhardt@ctwe.de