

MECHANICAL DESIGN ENGINEER (M/F/X)

YOUR ACTIVITIES

Your main mission in providing design services in the area of mechanical engineering. These services shall support product development across HITEC's different business units. In these areas, the incumbent shall closely collaborate with other involved disciplines, such as modelling & simulation or electrical engineering. Furthermore, the incumbent shall help develop and put in place best practices in terms of product design & verification. The responsibilities include:

- Generating mechanical designs and CAD models,
- Specifying and selecting machine components,
- Generating fabrication drawings and production documents,
- Generating support documentation and testing of mechanical parts and assemblies,
- Providing expertise and support to all engineering activities of the company,
- Working on mechanical design aspects of the company's products,
- Supporting continuous improvement in terms of design & verification processes,
- Supporting the efficient interaction and information flow between disciplines,
- Coming up with development ideas and their realization,
- Pro-actively introducing, documenting and disseminating new technologies and concepts in the technology survey activities of the department.

YOUR PROFILE & KNOWLEDGE

- Engineer or master level diploma in mechanical engineering,
- At least 3 years of experience in a relevant field of activity,
- Ability to work in an English-speaking environment including technical discussions and documentation activities, German, French and Luxembourgish being considered a plus,
- Excellent knowledge in mechanical design and machine components,
- Proficiency of the adequate engineering/CAD/PDM tools (Autodesk Inventor, Vault),
- Experience with material selection and surface treatments,
- Familiarity with pertinent norms (e.g. FKM, VDI2230, Eurocodes),
- Good experience in the standard software (MS Office).

YOUR FUTURE

Be part of a dynamic team working on both project and product development:

- Take the lead in the electrical engineering aspects of product development from conception through design to validation,
- Get the opportunity to develop your skills in adjacent fields,
- Join a stimulating and entrepreneurial work environment.

APPLY VIA JOBS@HITEC.LU