



## Mechanical design & calculation engineer

Gradel develops turn-key special purpose machines (mechanical automated equipment) dedicated to nuclear, space and general industry for more than 50 years. GRADEL supports its customers all over the projects: from the definition of the specification up to the installation and operation of the equipment.

In order to strengthen our engineering department, we are looking for an experienced engineer in mechanical design & stress calculation with following profile requirements:

- Master's degree in mechanical engineering
- At least 10 years of experience in mechanical design & calculation
- Experience in design of special purpose machines
- Good knowledge in materials resistance and good skills in dimensioning
- Proficient with solidworks or an equivalent CAD software
- Experience with FEM modelling
- Experience in nuclear or space market is considered as an asset
- Knowledge in hydraulic, pneumatic and electrotechnics is considered as an asset
- Experience with Solidworks PDM or another PLM/PDM software is also considered as an asset
- Practical approach, problem solving, organised and methodical
- Innovative and creative
- Ability to work independently while remaining good team player
- Language skills: fluent in English/French or English/German (written and oral). A third language (French or German) will be considered as an asset.

Key responsibilities:

- Design & development of our equipment
- Dimensioning of our equipment
- Realisation of detail drawings
- Realisation of BOM (bill of materials)
- Realisation of technical documentation
- Realisation of calculation notes

We offer a position in an innovative and creative environment with strong relationships with customers and other departments of the company (sales, project management, supply-chain, assembly).

This position is available from the 1<sup>st</sup>. of March 2024. The candidate will be offered a CDI (open-ended contract). The position is based Ellange.

If you are interested in taking this challenging opportunity and wish to take part actively to our future development, please send your application to [job@gradel.lu](mailto:job@gradel.lu) (cover letter + CV).



Only shortlisted candidates will be contacted. The information you provide will be treated confidentially and will only be disclosed to employees involved in the recruitment process. The selected candidate will be requested to provide a criminal record.

# Mechanical # Engineering # Mechanics # Mechanical engineering # Stress calculation # FEM  
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Ingenieur # Konstrukteur #Berechnungsingenieur