

Function: Mechanical Engineer

Company

Turbulent brings clean and affordable electricity to remote locations by pioneering in low head hydropower. Our turbines are compact and easy to install, whatever the site conditions. We are building a worldwide distributor network while centralizing our operational and R&D activities in Leuven. To prepare for a rapid growth in turbine installations we want to extend our team with a Mechanical engineer.

You will be joining a young and dynamic company environment where your pro-active, hands on approach will get the necessary challenges to have a great impact on the company and our technical solution.

Job description

In the mechanical engineering department of Turbulent we make sure that the turbines that we design, manufacture, test and commission, achieve our goals and expectations. We use state of the art manufacturing technics, materials and components to deliver hydro-turbines with a lifetime of +30 years.

You will be in charge of making our products transition from a virtual world (CAD,CFD, FEA...) to high quality physical machines, performing & coordinating the practical designs for instructing manufacturing, managing all subcontracting and product documentation.

You will be closely coached by our mechanical engineering manager to correctly execute and manage this process. Once familiar with the processes, tools & technology, you will assume the responsibility for the complete production chain.

Responsibilities

- Prepare calculations on the proposed solution before completing technical drawings
- Sketch, draw and document the technical designs using input from engineers
- Apply factors like tolerance, dimensions, and structural analysis
- Create designs in line with company procedure, regulations and client standards
- Finalize designs using design for manufacturing and design for assembly principles and send to our production partners
- Provide support&guidance during assembly processes, ensuring that the machine is built properly and according to design specifications

Qualifications

- Master's degree: industrial engineer, mechanical engineer, industrial designer
- Fluent in Dutch and English
- Being able to work in an organized, accurate and independent way
- Strong knowledge of SolidWorks & AutoCAD
- Strong knowledge of metal manufacturing techniques
- 3 to 5 years of experience

Traits

Your key competences are a mixture of customer orientation, strong communication skills, diplomacy, decisiveness, sharp eye for improvement and strategic thinking with a pragmatic, hands-on approach.

What we offer

We offer a multi-cultural and flexible environment where the boundaries of technology are often challenged. We ensure growth opportunities by on-the-job learning and job-rotation and stimulate your development with training and coaching.

Besides a competitive salary, you will also receive several fringe benefits (meal vouchers, home office compensation, hospitalization insurance, group insurance, etc.)

Due to the many advantages of our technology, Turbulent is gaining more and more visibility on the international market, offering worldwide travel opportunities.

Contact

Send your application together with your CV to jobs@turbulent.be.

If you have questions, please also contact us via e-mail.

By applying, you confirm that you have read and understood our [privacy policy](#) about GDPR and agree to its content.