

Calculation Expert Engineer

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Company: TMC

Location: Belgium

Category: computer-and-mathematical

The Calculation Expert Engineer is responsible for the engineering of high voltage lines and pylons/structures used in electrical infrastructure projects (380, 220, 150, 70 and 36 kV).

Be the support for the study and design of pylons and structures;

Ensure the execution of specialized calculations, the establishment and monitoring of the study taking into account the required and available resources as well as customer questions;

Be the support for suppliers and internal colleagues for the design of pylons and structures;

Drafting of adjudication files and participation in the purchasing process;

Delivery of the pylons and structures to the manufacturer or to the test environment;

Coordination and monitoring detected problems during the execution in collaboration with the employees involved within the company as well as with suppliers, contractors, customers, etc. ;

The reporting of these aspects to experts / managers / internal clients;

Taking the necessary measures to optimize and implement calculation rules into the software tools.

The Expert Engineer will work within the Engineering department and participate in various projects relating to new high voltage pylons, modification of existing pylons, their repair, and

structures.

| What do we expect from you?

You have a master's degree in mechanical engineering or architecture.

Any experience in the field of expertise and/or engineering is an asset.

You have affinities with the studies of technical details.

You have knowledge and experience in the design of steel structures.

You use engineering software, 3D software, and finite element software.

You are familiar with the relevant standards (eg Eurocodes).

You have extensive knowledge of Office applications.

Your mother tongue is French and/or Dutch and you have a good knowledge of the second national.

You have a great sense of responsibility and have good organizational skills.

Knowledge of TOWER, PLS-CADD, Tekla structures, and AUTOCAD is an asset.

| What can you expect from TMC?

TMC is an international high-tech consultancy company that brings expertise to its clients in order to support them with the realization of their technological challenges. As such, TMC is operating as an expert center at the disposition of its clients and we help them to be more competitive in an ever more global and faster changing technological world.

At TMC we believe that people are the driving force behind technological innovation. That is why we want to create the best possible conditions for tech talents to thrive in. We offer you a challenging and stimulating work environment in which you can be the director of your own career.

As an Employeneur you are part of our TMC family. Next to our outstanding technical expertise, fun and engagement are meaningful parts of our culture.

| Why choose for Employeneurship?

We are truly unique thanks to our Employeneurship model which is a true innovation for the High Technology consulting business. It is the business relationship of the 21st century for high skilled technical professionals. It is built around 5 main pillars:

You will have a permanent employment contract, offering you stability and security

You will get to know your market value and have a share in the profit your work generates thanks to the individual profit sharing

We will support you with one-on-one coaching and training designed to help you develop your entrepreneurial skills

The competence cells structure provides you with a strong meaningful and relevant network

The entrepreneurial lab: a playground for new ideas and a potential launching for start-ups

TMC is an equal opportunity employer and values diversity. We do not discriminate on the basis of race, religion, color, national origin, gender, sexual orientation, age, marital status, veteran status, or disability status.

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