



The Company:

Xylowatt (www.xylowatt.com) has developed the NOTAR® cutting-edge technology, which efficiently turns biomass or waste into a clean and cold gas fit for powering a cogeneration engine or for replacing fossil fuels in an industrial furnace. Xylowatt gasification reactors integrate into multiple ecosystems, typically managed by major EPC contractors and integrators, to solve the most difficult waste to energy challenges faced by the end users of those ecosystems.

We are currently searching for a **DESIGN ENGINEER** to join our office located in Louvain-La-Neuve.

The job:

The Design Engineer will be responsible for carrying out the duties of the Engineering department, including design, research, prototyping, engineering documentation and process improvement. The successful candidate will report directly to the Head of Engineering, and collaborate with the sales team and the project managing team on design projects.

Key responsibilities :

- Design and develop systems and components together with your peers in the engineering team to ensure form, fit and function of designs. Interface effectively with fabrication managers to ensure cost effectiveness and manufacturability of designs.
- Produce design sketches and drawings for prototypes to be validated in a test facility in accordance with applicable standards.
- Evaluate mechanical and electromechanical systems and products by designing and conducting research programs; applying principles of mechanics, thermodynamics, hydraulics and heat transfer.
- Develop processes by designing and modifying equipment for manufacturing, building, assembling, and installing components.
- Collaborate with the operators to offer solutions to enhance existing products or projects.
- Provide support to the Sales Department by developing general layouts according to customer's needs and provide information to develop OPEX and CAPEX budgets.

The profile:

The ideal candidate will possess:

- Master's Degree in Mechanical Engineering or related field.
- 5+ years' experience in automated drafting and 3-D Modeling CAE systems.
- Knowledge of Autodesk Inventor or Solidworks is an asset.
- Extensive knowledge of engineering and design principles.
- Excellent knowledge of European standards and directives for gas application.

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- Hands-on experience with design, engineering and/or fabrication of welded components is an asset.
- Ability to work autonomously but be a real team player.
- Ability to plan, schedule, coordinate and problem solve effectively
- Impeccable attention to detail
- Ability to manage multiple concurrent projects.
- Excellent communication, presentation, and interpersonal skills.
- Strong verbal & written skills in English. Any other major European language is a plus but not required.
- Willingness to travel if required.

The offer:

Xylowatt offers a temporary position (6 months) in a friendly work environment with a team that is dedicated and passionate about creativity and innovation.

All persons interested in this position should direct their enquiries to

Laura Vieillescazes - Human Resources

email: Vieillescazes@xylowatt.com

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