

Hilux5 Structural engineer

Hilux5 “The service specialists in Energy”

Hilux5 provides project management, engineering and services for power plants and for the “energy from waste” installations. Our team is used to working in an environment where a quick response is required, so flexibility and pragmatism are core competencies that come naturally to us. Because we understand the business operations of our customers from our boiler or energy generation background, we often come up with creative, often cost-saving, optimized and sustainable solutions. The customer's needs are of course always central here.

With the production of electricity from wind or solar power plants - to maintain a stable electricity network - the need for backup of flexible, relatively clean gas-fired combined heat and power plants (CCPPs) grows. Due to the global energy transition and the changed (intermittent) operating conditions of power plants, there is also an increasing need for reliable technical support and service for these plants.

Waste-to-energy plants and bio-energy plants are also mainly dependent on the thermal conversion of various waste streams. Due to the rapidly changing composition of input flows, a higher load can be placed on those installations, which can greatly reduce the lifespan of the plant.

Our customers therefore rely on the know-how and experience we offer to maintain and operate their thermal installations. One more reason why we still see sufficient growth opportunities in this market segment so that we can develop further in this market segment.

We want to use the current transition from 'fossil' to 'renewable' to develop new sustainable products and services. That is why we are looking for a senior Structural engineer

Role of the Structural engineer

- As a Structural Engineer you independently calculate and validate the mechanical installations and constructions.
- You are ultimately responsible for delivering the engineering work entrusted to you within the framework of planning, budget, safety and quality.
- The 3D CAD software we use is SolidWorks, Autodesk Inventor and Solid Edge. In addition, we use the PDM systems of SmartTeam and Solidworks Enterprise PDM.
- You often work in a team, but sometimes also independently on challenging projects. As a Structural Engineer during the concept phase of a project you consider how the mechanical installation can best be designed.
- You determine which requirements the design must meet on the basis of classification standards.
- You are able and willing to provide support with technical issues of customers where necessary.

- You are able to assess steel structures, scaffolding, ducting and piping structures on site at customers based on measurements, calculations and/or visual inspections.

About you

- You have completed a bachelor's degree in Mechanical Engineering or a comparable education.
- You are used to thinking in a multidisciplinary way and you are able to generate pragmatic solutions for technical challenges. You do this from experience gained 'in the field' (construction sites, etc.)
- You have extensive experience with the aforementioned engineering tools.
- You have experience in designing steel structures of (eg thermal) installations, where temperature changes play a role.
- You have demonstrable experience in a project organization.
- You have experience in supervising and coordinating more junior engineers and designers.
- You master the English language in word and writing.

Hilux5 offers

- The challenge of helping the engineering team to build the Hilux5 company.
- Good primary and secondary employment conditions.
- A pleasant collegial working atmosphere.
- A challenging position where you get the chance to show off your creativity and entrepreneurship.
- Training and education opportunities.
- High degree of influence in a growing engineering organization.

Contact data

For more information regarding this vacancy please contact:

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