



Vacancy: Design Engineer

Organisation:

Advanced Tower Systems (ATS) is a fast-growing business who has developed a new tower concept for large wind turbines as an economically and logistically attractive alternative to steel towers. The first tower has been built last year in Grevenbroich, Germany; a 133m high hybrid tower in combination with the Siemens 2.3MW wind turbine. ATS is a joint venture of the engineering company Mecal, the construction company Hurks Groep and the project developer Juwi.

Products:

ATS offers hybrid towers for larger and higher wind turbines, which increases the energy production considerably because of better wind conditions at these heights. The patented hybrid tower combines a precast concrete segmented tower with tubular steel tower sections on top. The lower tower sections, which require a diameter bigger than the 4.3m transport limit, are vertically divided into three or more segments made of high-quality precast concrete. The segments are long and slender and can therefore be transported by ordinary trucks. ATS offers turnkey projects for the construction of hybrid towers and product licensing along with consultancy.

For our team in Enschede, Netherlands, we are looking for an enthusiastic

DESIGN ENGINEER (m/f)

Responsibilities:

- Performing strength analyses on precast concrete towers and foundations for different turbine types and heights, analytically as well with Finite Element Method
- Making practical and competitive design proposals and sketches
- Preparing design documents for the certification
- Performing analyses for optimisation investigations, achieving improvements for the production and installation process

Profile:

- Bachelor or Master Degree in Civil Engineering
- Well-experienced with 3D CAD and FEM programs
- Well-experienced with strength analyses of concrete constructions according to building codes and certification guidelines
- Working experience in a technical position in the wind energy or civil industry
- Creative mindset with eye for both depth and commerce
- Team player
- Pragmatic and solution-oriented
- Excellent expression skills, especially in English and German, both verbally and in writing

ATS offers:

- A challenging, broad position with good developmental and educational opportunities.
- Good labour conditions
- Short lines of communication
- An open and pleasant work environment

Interested?

Send your resume and motivation letter to Advanced Tower Systems BV, P.O. Box 286, 7500 AG Enschede, the Netherlands, attn. Mr. Frans Brughuis or per e-mail to f.brughuis@ats.eu.

For function-related details you may contact Mr. Frans Brughuis by telephone no: +31 (0) 53 4821420 or via e-mail

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