

# Civil engineer at our Essen office

Design and analyses, focus on reinforced and prestressed concrete construction

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You find concrete really exciting? And you would like to aim high with it? We are looking for a creative and concrete head for the development of towers for wind turbines!

As a provider of engineering services, each project presents us with new challenges. Especially the abilities and the engagement of each individual team member and the cooperation within a team ensure that the project becomes a success for our customers and us. We live flat hierarchies and short communication channels and an appreciative and respectful treatment of one another.

All members of the team can actively help shape the present structures and explore new paths with the company. We decide together which of our topics you will focus on – everyone has a say in his or her own development.

If you are not intimidated by challenging problems, like to actively participate in finding solutions and act independently and responsibly, and if you can identify with our values, **we are happy to receive your application!**

## You can expect:

- a responsible and varied position, in which you will
  - independently carry out the design and necessary calculations (load-bearing safety, serviceability, fatigue safety, degree of reinforcement, prestressing, crack width limitation) for the detailed evaluation of the load-bearing structure of statically and dynamically stressed structures
  - work on interesting projects, especially in the field of tower development for wind turbines, and, if you like, eventually also lead them
  - solve challenging tasks in reinforced and prestressed concrete construction, from conceptual work to detailed calculations, e.g. the structural design of prefabricated concrete parts in cooperation with the CAD team
  - create the necessary documentation in accordance with national and international standards and guidelines
  - communicate directly with our customers from all over the world
- a performance-related payment
- attractive fringe benefits
- flexible working hours
- a young, dynamic and friendly team that is happy to welcome you

Please send your application as a PDF file to  
[jobs@p-e-c.com](mailto:jobs@p-e-c.com)

thinking engineering



**This position fits your profile if you:**

- have completed a degree in civil engineering with a focus on construction or a comparable course of study (diploma or master's degree)
- have several years of professional experience, for example in the construction or wind energy industry with a focus on reinforced and prestressed concrete construction
- have experience with the use of FEM software (e.g. ANSYS, RFEM) and can confidently assess FE calculation results
- have a good understanding of structural mechanics and very good knowledge of the design of load-bearing structures (structural safety, fatigue strength)
- are familiar with the current standards (Eurocode, Model Code) and can apply them confidently
- have a structured way of working and are able to keep track of complex problems
- are happy to actively contribute your creativity to finding solutions and have an independent and solution-oriented way of working
- enjoy working in a team and are a good communicator
- have a good command of written and spoken German and English

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