

## Job Description

### Design Engineer

# AMCO-GIFFEN

<b>Job Title</b>	Design Engineer			
<b>Business Unit</b>	Design & Engineering			
<b>Location</b>	York			
<b>Position Reports To</b>	<b>Operational:</b>	Senior Engineer	<b>Functional:</b>	Senior Engineer
<b>Direct Reports</b>	Graduate Engineer(s)			
<b>Authorised To Liaise With</b>	Chris Parker, Hamish Muir			

#### Role

Having secured a number of long term Frameworks with our key Clients, AmcoGiffen are further expanding our in-house Civil & Structural Design team. We have a number of positions available at various levels for engineers who are committed to delivering the optimum design solution, building on their experience, and furthering their professional development.

We offer a competitive package, a professional environment, along with dedicated support to assist aspiring engineers in achieving their goals.

This is an integral role within the In-house Design Team, with responsibility for the development of technical solutions with the team's budgetary, programme and quality requirements.

#### Key Tasks & Responsibilities

- Initiative and confidence to put forward solutions based on sound engineering principles.
- Challenge the brief, enabling innovative development of unambiguous engineering solutions from feasibility through to detailed design.
- Design and Checking of engineering solutions.
- Production of clear, consistent, referenced calculations, reports and sketches to current CoP and Standards.
- Clear communication of design philosophy and requirements with other team members.
- Design representative at meetings with the AmcoGiffen project team and/or external Clients and Stakeholders.
- Appreciation of the team's financial, quality and programme targets.
- Promote safe working practices in all areas.



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#### Person Specification

- Minimum of 3 years' experience in the design of Civil Engineering structures.
- Knowledge and understanding of the design process, and engineering drawing practices.
- Knowledge of relevant British Standards, Eurocodes, and Regulatory Body Standards.
- Familiarity with structural design / assessment packages.
- Confident at designing in steel, concrete, composites, masonry and timber to current CoP and standards.
- Experience in rail with appreciation of earthworks, drainage and highways interfaces.
- Appreciation of factors influencing the buildability of design solutions.
- Awareness of ISO 9001 / 14001 / 44001, PAS 1192 and OHSAS 18001 Standards.
- Understands the importance of achieving customer satisfaction by driving and maintaining the highest level of standards and working collaboratively.
- Good organisational, communication, reporting and presentation skills.
- Awareness of SHEQ (Safety, Health, Environment & Quality) requirements.
- Problem solving and decision making in line with level of responsibility.
- Pride and enthusiasm for work, and the ability to promote good practice.
- Committed to professional development of self and others.

#### Educational / Professional Qualifications

- BEng / BSc Degree level of education, or equivalent.
- Working towards Membership of a relevant Professional Body.

#### CSCS Requirements

- Professionally Qualified Person, or similar.

#### H&S Requirements

- Understanding of current CDM Regulations.

#### Any Other Requirements

- Full Driver's License.
- PTS

#### BIM Responsibilities

- Knowledge of the BIM processes and working to AmcoGiffen BIM procedures.

