

JOB DESCRIPTION

Job Title: Graduate Mechanical Engineer
Directly reports to: Senior Engineer / Director
Location: Edinburgh

Position Summary:

To support the Senior Engineer(s)/Directors in producing robust design solutions including drawing and written deliverables with moderate supervision.

Responsibilities and authority:

- Produce Mechanical Design drawings, Design Calculations (Hevacomp, IES), and Design Schedules
- Work to internal and external project programs effectively
- Work to company Quality Assurance management systems
- Support Senior/ Associate Engineers and Management
- Communicate effectively with internal and external design team members
- Undertake non-intrusive surveys of existing installations
- Undertake main plant area spatial allowance exercises
- Ensure industry knowledge is kept up to date with new legislation, standards and regulations, product development and new technology
- Study towards chartership and maintain CPD requirements
- Liaise with lead and/or support engineers to ensure that discipline designs are completed to expected quality and programme
- Ensure application of all Quality System procedures
- Collaborate and work effectively with all others affecting or affected by your work
- Carry out all personal management duties including weekly timesheets
- Comply with all security procedures and commercial in-confidence restrictions associated with work duties

Education and Experience:

- Minimum relevant Engineering Honours/Masters Degree in Building Services Engineering, Architectural Engineering, Mechanical Engineering or a related relevant discipline.

Specific skills, knowledge, competencies and training:

Essential:

- Good numeracy, literacy and computing skills
- Ability to manage your own time and prioritise at busy times
- Ability to produce neat and accurate technical drawings
- Ability to think in a methodical way to design, plan and organise projects
- Good communication skills within a team environment
- Ability to present and explain the thought process behind your own design work
- Competent in the use of Autocad Software
- Ambitious self-motivated individual with good team ethic, looking to excel and aspire

Desirable:

- Previous consulting engineer experience
- Knowledge and experience of Revit software
- Knowledge of energy and thermal modelling software such as IES
- Knowledge and experience in mechanical design software