

# Associate – Senior Electrical Engineer

## Manchester

### Purpose of Job:

We are looking for an established Senior Electrical Engineer or someone working at an Associate level to join our busy building services design team based in our Manchester office.

Applicants will already be working at a senior engineer level with experience of managing both people and projects and will have the desire to progress quickly to a management position, if not already in one. Candidates will preferably be degree qualified or have suitably demonstrated experience to have attained or be working towards Chartered Engineer status.

You will have excellent and in depth knowledge of all facets of electrical engineering associated with the building services sector and have knowledge of sustainable design and construction methods

### In addition to the several engineering requirements you will also be able to demonstrate your ability to:

1. Prepare & attend interviews in a leading role
2. Seek potential work opportunities
3. Input to fee proposals
4. Maintain & build client and referrer relationships
5. Lead projects
6. Review & sign off documents ahead of issue
7. Manage fee resource for all projects
8. Manage engineering resource for group
9. Technical and personal mentorship of team members
10. QA standards review of other similar projects
11. Recognise marketing opportunities and developing as appropriate including potential attendance at industry events and occasions
12. Undertake appraisals & Mentoring
13. Full understanding of main relevant codes and standards plus wider standards

### You will recognise training programme requirements:

- + Commit to goals and objectives of a career development programme including attendance of in-house and external technical and non-technical training
- + Commit to achieving or maintaining Chartered Engineer status through relevant professional institution
- + Support the development of team members and undertake the mentoring of members of the engineering team
- + Familiarise and learn about sustainable low energy initiatives and to share this with other members of your team and wider within the Partnership

Person Specification:

	Essential	Desirable
Knowledge	<p>Ability to apply theoretical principles to the practical design of building systems</p> <p>Sound knowledge of how buildings are built and the design process that goes into their design</p> <p>Detailed knowledge of engineering design approach and fundamentals of mechanical engineering</p> <p>Understanding of the role of the engineer in the design process</p>	<p>Specialist knowledge of particular electrical systems</p> <p>Awareness of energy and environmental related EU and UK Directives / Regulations.</p>
Skills	<p>A strategic thinker with a proactive attitude and attention to detail, well organised</p> <p>Excellent team working and inter-personal skills, good communication within a team and externally</p> <p>Good time management and ability to prioritise</p> <p>Good numeracy and literacy</p> <p>Able to present and explain the thought processes and engineering processes behind their own design work</p>	
Experience, qualifications and prospects	<p><u>Qualifications:</u> BEng, BSc, MEng or MSc in relevant engineering subject, e.g. Architectural Engineering, Building Services Engineering or Electrical Engineering or HNC/HND in relevant engineering subject</p> <p><u>Experience:</u> Demonstrable project management skills. Software skills including: Hevacomp/Amtech, Dialux/Relux, Barbour Index, Specification Expert, Microsoft Office.</p> <p>Experience in CAD drafting systems</p>	<p>Specialist interests or qualifications, e.g. renewable energy, low carbon design, BREEAM, lighting design, LCC registration or other relevant topic</p> <p>Experience in Modelling software</p>
Attributes and Personal characteristics	<p>Logical thinker, scientific and analytical – having an engineering approach to problem solving</p> <p>Flexible outlook and attitude to work, approachable and personable</p> <p>Works on own initiative but equally can lead a team</p> <p>Commitment to maintaining high quality standards with an eye for detail</p>	<p>An interest in architecture, landmark buildings and new technologies</p> <p>An interest in renewable energy technologies.</p> <p>An interest in environmental sustainability in the workplace and home.</p>