

Senior Electrical Building Services Engineer

You will be joining a Building Services team that work within the company's multi-discipline workforce of Architects, Building Surveyors, Highways Engineers, Drainage Engineers, Quantity Surveyors and Structural Engineers. If you are an energetic, motivated and proactive individual seeking new challenges and want to be part of a successful team in an exciting environment then we would like to hear from you.

You will be providing a variety of services including those relating to building pathology, design, project management, building surveys and contract administration.

Candidates should be qualified and be equipped with suitable experience to manage an increasing project workload.

The successful candidate will be a professional, ambitious, competent and enthusiastic building services design engineer looking for a progressive role.

Essential Skills / Qualifications:

- Degree or HNC in Building Services/Electrical Engineering.
- Ideally working towards MCIBSE
- A full UK driving license

Duties and Responsibilities:

- Work as a member of the Building Services team within the multi-discipline organisation.
- Producing early design advice through to detailed electrical services design.
- Production of Electrical Building Services design calculations using a wide range of techniques ranging from simple hand calculations through to industry standard software such as Hevacomp, DIALux and Relux.
- Producing feasibility reports, condition surveys, design specifications and drawings suitable for all RIBA work stages.
- Undertaking detailed surveys on electrical building services to advise on their suitability for continued use.
- Working to deliver engineering solutions to client's budgets and programmes.
- Visiting sites to attend meetings, carry out inspections and surveys; Note regional coverage of projects within North Yorkshire, North East, Cumbria, West Yorkshire and Lancashire anticipated.
- Drawing production using AutoCAD/Revit .
- Contract administration and project management.
- Knowledge of NEC and JCT contracts.
- Knowledge of traditional and design and build contracts.
- Produce schedules of work and specifications.
- Coordinate deliverables and work collaboratively with other disciplines including Architects, Mechanical Engineers, Structural Engineers, Quantity Surveyors and CDM Advisors.
- Overseeing and supervising the installation of building services systems, undertaking commissioning management and specifying maintenance and operating procedures.
- Carry out project design and complete H&S risk assessments to meet current CDM regulation requirements.
- Chair, document and issue formal meeting notes for multi-discipline, client and contractor meetings as and when required.

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- Be committed to maintaining an annual programme of Continuing Professional Development (CPD).
- Complete work to defined business processes, standards and time frames.
- To be competent in the following areas as relevant to the discipline -
 - Professional ethics
 - Building pathology
 - Building services technology and environmental services
 - Contract administration
 - Design and specification
 - Inspection
 - Legal/regulatory compliance
 - Analysis of client requirements
 - Communication and negotiation
 - Conflict avoidance, management and dispute resolution procedures Conservation and restoration
- Undertaking any other duties and responsibilities as may arise

Experience and Knowledge:

- Can demonstrate their knowledge and understanding of professional ethics. Are able to describe examples where they have applied this knowledge during their work while advising Clients.
- Has experience of, and is competent to work on buildings that contain asbestos.
- Has post degree/HNC experience working as an electrical engineer.
- Has a good working knowledge of electrical services.
- Has practical experience of applying their knowledge and competence across a variety of projects.
- Works under minimal supervision and completes some tasks using own judgement, but overall supervision is required, work is reviewed for adequacy on completion.
- Appreciates complex situations and obtains assistance from others to complete tasks when required.
- Has the experience of breaking down actions to achieve an overall goal.
- Experience of working closely with other disciplines to produce coordinated deliverables.

Technical Skills and Ability:

- The preparation of electrical surveys and condition survey reports.
- Investigation and analysis of services defects to develop solutions to system failures.
- The preparation of feasibility studies.
- Ability to produce plans, sections and detailed drawings, specifications, schedules of works and other documents to high standards in conjunction with internal and external design disciplines.
- Proficiency with the use of the Microsoft Office Suite, Autodesk AutoCAD and NBS software.
- Contract administration of construction contracts.
- Provide advice on Health and Safety issues throughout the design and construction period of projects, taking into account the Construction Design and Management Regulations.
- The preparation of applications for utility supplies for new and existing buildings.
- Provide advice on building related matters including fire safety and sustainability.