

## About Milieu Consult

Milieu Consult is an independent Engineering Consultancy practicing within the Energy and Building Services Engineering sectors of the built environment. We enjoy working on challenging and interesting projects and work with all parties to achieve the solution most appropriate to the respective appointment. We have offices in London and Basingstoke and a portfolio of projects including commercial office, multi-residential, high end residential, mixed-use, education and leisure. For further information please visit [www.milieuconsult.com](http://www.milieuconsult.com)

---

## Role Definition

- Job Title:** Senior Electrical Design Engineer
- Reporting to:** Project Manager for the current project on a day-to-day basis and ultimately a Principal Electrical Engineer
- Location:** Holborn Office, London

An opportunity for a Senior Electrical Engineer, or top end Intermediate engineer looking to move into a Senior role to join our close-knit MEP team to develop their experience and career in electrical engineering design for buildings.

Based in our London office, the successful candidate will be working as the electrical discipline lead on a variety of projects and will work under the supervision of the project manager responsible for the particular project being undertaken.

You will be required to travel to our Basingstoke office from time to time, to project sites, and to the offices of our design team collaborators for meetings and workshops as necessary.

Strong communication skills are desired as you will be interacting in a client-facing role for liaison with our professional team members and supporting the project manager in presenting technical solutions.

You will require the ability to run a project through all RIBA stages in order to take the Client's brief from initial concept, through detailed design and to practical completion on site for a range of different projects.

## Required Skills

- Bachelor's or master's degree in either Building Services Engineering or Electrical Engineering or of a similar vocational background.
- Completed 4+ years UK building services experience.
- Working towards or recently achieved professional membership status (Chartered or Associate)
- Analytical, resourceful and problem-solving bias
- Advanced user of cable sizing and lighting design and visualisation software packages such as Amtech, Dialux, Relux, CYMAP.
- Experience of REVIT projects.
- Ability to prepare high quality presentation material using Bluebeam, PowerPoint AutoCAD, and other similar annotation packages.
- Working knowledge of BS7671, BS5839 and BS5266 and the design of electrical systems in line with these documents.

## **Desired Skills**

- General and holistic understanding of building services design and development.
- Good written and verbal communication skills with ability to converse internally and externally with design team members.
- Knowledge of CDM Regulations, Electricity at Work Act and relevant HSE Guidelines.
- Use of AutoCAD and REVIT to prepare engineering drawings for external issue.
- Experience of using Revit for production of modelling information.
- Understanding of NBS specifications and Uniclass work-sets.

## **Responsibilities**

- Design of lighting, small power, fire alarm, lightning protection, sub-mains distribution, voice/data infrastructure, security and ancillary electrical services.
- Use of design software to prepare calculations and designs.
- Preparation of specifications and written reports and condition surveys.
- Preparation of equipment schedules.
- Drawing schematics, general arrangements and sections for electrical services and marking up of drawings.
- Site inspections for witnessing, testing and commissioning of electrical installations.
- Use of AutoCAD/REVIT to prepare drawings for external issue.
- Use of Revit software to prepare 3D models and BIM information.
- Building regulations compliance checking.
- British Standards compliance checking.
- Project Management through all RIBA stages and company stages.

## **Performance Requirements**

- Ensure technical and professional accuracy of your project work.
- Ability to converse in a professional manner that enhances Milieu's reputation and brand in the marketplace.
- Contributing at design team meetings.
- Have good judgment on project related decisions and problem-solving attributes.
- Good interpersonal skills and ability to work well as part of a team.
- Ability to take initiative in response to direction or instruction.
- Understand and keep up to date with technical and legislative progress.
- Have a desire to progress their career.

## **Opportunity**

- To work within a highly skilled environment with an interesting and varied portfolio of project work.
- Exposure of working on high-profile and technical residential and commercial projects.
- Professional development towards chartered status.
- Experience in delivering projects on time and within budget through careful time management and early identification of scope creep.
- Fast track exposure to project management.

## **Remuneration**

- Basic Salary range £43k - £50k
- 40 hours per week
- 23 days holiday plus public holidays
- Upon completion of Probation
  - Pension at 4% employer/5% employee contributions
  - Private Healthcare Plan through Vitality



**Contact**

Gina Hulme

E: [gina.hulme@milieuconsult.com](mailto:gina.hulme@milieuconsult.com)