

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 multi-residential, high end residential, commercial office, mixed-use, education and leisure. For further information please visit www.milieuconsult.com

Role Definition

Job Title:	Electrical Design Engineer
Reporting to:	Project Manager for the current project on a day to day basis and ultimately the Principal Electrical Engineer
Location:	Basingstoke Office

An opportunity for an Electrical Engineer to join our close-knit MEP team to develop their experience and knowledge of electrical engineering design for buildings.

Based in our Basingstoke office, the successful candidate will be working as the electrical discipline lead or supporting design engineer 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 London 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.

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
- Experienced in the use of cable sizing and lighting design 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 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 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, if senior.

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 small 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 towards professional qualification.

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.
- Develop project management skills for those looking to develop their careers to senior level and beyond.

Remuneration

- Basic Salary range £33 to £38k
- 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
 - Discretionary eligibility for project profit share scheme.

Contact

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