

Construction Site Electrical Engineer Job Description

- Working with high and low voltage equipment; and managing power generation, transmission and distribution
- Developing electrical equipment and power distribution equipment specifications, as well as preparing electrical load calculations for single and three phase loads
- Utilizing experience with power system analysis tool to prepare electrical single line drawings, schematics and detail drawings as required
- Managing and maintaining building services, such as lighting, heating, ventilation and lift systems; and working with renewal energy sources
- Overseeing maintenance, testing and repair of company-owned electrical equipment; and reporting issues on time to the managing authorities
- Drawing up project plans, making models, prototypes and circuit diagrams for high and low voltage electrical equipment; and carrying out feasibility studies for new technical developments.