



PR/110317 | Electrical Design Engineer

Job Information

Recruiter

JAC Recruitment India

Job ID

1599458

Industry

Civil Engineering and Construction

Job Type

Permanent Full-time

Location

India

Salary

Negotiable, based on experience

Refreshed

June 26th, 2026 11:24

General Requirements

Minimum Experience Level

Over 6 years

Career Level

Mid Career

Minimum English Level

Daily Conversation

Minimum Japanese Level

None

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

Company Overview: Opening with one of the leading Japanese MNC into engineering and construction industry.

Job Overview: Looking for electrical design engineer having strong experience working at construction sites for industrial projects.

Job Responsibilities:

- Develop electrical system Dwg (HT,LT & LV) for Industrial & other buildings
- Coordination with architect and structure team(Space marking,Cut-out,Opening,Equipment weight & foundation,Rack & Tray)
- Material selection for electrical system.
- Design of Single line diagram, Distribution system & cable routing, External service route,Lighting protection,Earthing layout,Lighting,Fire detection, Public address/Elv system & BMS system
- Preparing calculation in Microsoft office (Trafo,Dg,Fault level, Cable Schedule etc)

- Create and manage construction drawings and documentation for electrical systems.
- Collaborate with architects, structure engineers, and shop team to address complex design and coordination challenges.
- Stay updated with the updated local as well as central codes.
- Preparation of Tender & GFC drawing and coordination with site team
- Good organizing abilities and good in prioritizing tasks and co-ordination

Job Requirements:

- Bachelor's degree/Diploma in Electrical
- 4-8 years of hands-on experience in Design & documentation of Electrical system within hands experience of AutoCAD for industrial projects.
- Hands on experience working on AutoCAD and Dialux
- Knowledge of all relevant codes regarding local fire and authority codes (IS,NBC & NEC)
- Ability to resolve design issues independently and collaboratively with other engineering disciplines, construction, and the client.
- Ability to express technical issues in a clear and concise manner, both written and verbally.

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Company Description