



PR/097144 | Design Manager, Electrical

Job Information

Recruiter

JAC Recruitment Singapore

Job ID

1599647

Industry

Industrial Facilities

Job Type

Permanent Full-time

Location

Singapore

Salary

Negotiable, based on experience

Refreshed

June 26th, 2026 11:49

General Requirements

Minimum Experience Level

Over 6 years

Career Level

Mid Career

Minimum English Level

Fluent

Minimum Japanese Level

None

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

Company Overview

Our client is an engineering solutions provider specializing in the design and execution of sophisticated controlled environments. Their firm supports high-tech industries by delivering complex mechanical systems for laboratories, cleanrooms, and advanced manufacturing facilities. As they continue to drive growth and expansion, they are now seeking a Design Manager, Electrical to join their team and contribute to their ongoing success.

Key Responsibilities

- **Design Leadership:** Lead the electrical design team in developing and reviewing Single Line Diagrams (SLDs), layout drawings, and technical specifications for large-scale projects.
- **Value Engineering:** Review consultant designs to identify cost-saving opportunities and enhance "constructability" while maintaining safety and performance standards.
- **Regulatory Compliance:** Ensure all designs adhere to Singapore Standards (SS 638, SS 650, SS 555) and BCA

Green Mark requirements.

- Technical Coordination: Act as the primary technical liaison for external consultants, clients, and authorities (EMA, SP PowerGrid, FSSD).
- BIM Integration: Lead the BIM/Revit coordination process to ensure "clash-free" digital models prior to site mobilization.
- Project Lifecycle Support: Provide technical evaluations of vendors during procurement, resolve complex issues during construction/commissioning (T&C), and approve shop drawings and material submissions.
- Multidisciplinary Integration: Oversee the seamless integration of Electrical systems with Mechanical and Fire services.

Key Requirements

- Education: Bachelor's Degree in Electrical Engineering (must be recognized by the Professional Engineers Board Singapore).
- Experience: Minimum of 7 years in Electrical Design, with at least 5 years specifically within a Consultancy firm.
- Technical Expertise: Deep understanding of HT/LT power distribution, standby generators, UPS systems, and ELV integration.
- Software Proficiency: Skilled in AutoCAD, Revit (BIM), and electrical calculation software (e.g., Amtech or ETAP).
- Certifications: Possession of an EMA Licensed Electrical Worker (LEW) Grade 7/8 or status as a Chartered/Professional Engineer (PE) is highly advantageous.
- Communication: Strong negotiation skills to balance client requirements with project budget constraints.
- Leadership: A proven track record of mentoring junior engineers and managing a design department.
- Mobility: Ability to travel to project sites as required.

Apply online or feel free to contact me directly for more information about this opportunity. Due to the high volume of applicants, we regret to inform that only shortlisted candidates will be notified. Thank you for your understanding.

Aloysius Loh
JAC Recruitment Pte Ltd
EA Personnel: R24121320
EA Personnel Name: LOH CHUAN LIANG ALOYSIUS

#LI-JACSG
#countrysingapore

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Company Description