



PR/097141 | Mechanical Design Manager

Job Information

Recruiter

JAC Recruitment Singapore

Job ID

1599645

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, Mechanical to join their team and contribute to their ongoing success.

Key Responsibilities

- **Team Leadership:** Manage a team of engineers and designers; develop staffing plans and allocate resources across multiple concurrent projects.
- **Technical Oversight:** Provide direction and conduct thorough reviews of mechanical designs, calculations, and 3D models (AutoCAD/Revit).
- **Project Management:** Manage project design schedules, control design costs, and ensure all deliverables meet

project budget targets.

- Compliance & Standards: Ensure all designs conform to applicable codes (ASHRAE, ISO, SS) and client specifications; implement and maintain departmental design standards and quality control processes.
- Collaboration: Participate in scope-definition meetings and interface with clients, vendors, and construction teams during project execution.
- Mentorship: Coach junior design staff through training and structured design reviews.
- Business Support: Assist in business development by contributing to proposals and technical specifications for prospective projects.

Key Requirements

- Education: Bachelor's Degree in Mechanical Engineering or related field of studies.
- Experience: At least 7 years of mechanical design experience, including a minimum of 3 years in a leadership or management role.
- Technical Expertise: Proven expertise in HVAC system design for controlled environments (labs/cleanrooms) and process utility design (dry and wet systems).
- Software Proficiency: Strong working knowledge of 3D modelling using AutoCAD and Revit.
- Communication: Excellent leadership and interpersonal skills.
- Problem Solving: Strong analytical and decision-making abilities with the capacity to manage multiple priorities under tight deadlines.
- Mobility: Ability to travel to project sites or client locations 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