



PR/109653 | Mechanical CAD Operator

Job Information

Recruiter

JAC Recruitment India

Job ID

1557764

Industry

Civil Engineering and Construction

Job Type

Permanent Full-time

Location

India

Salary

Negotiable, based on experience

Refreshed

September 23rd, 2025 02:00

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Business Level

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

Company Overview: One of the leading Japanese MNC into constructions industry.

Job Overview: Looking for an individual with strong expertise into drafting and designing for HVAC, Fire Fighting & Plumbing works as part of construction industry.

Job Responsibilities:

- Sound knowledge of software such as AutoCAD.
- Prepare P&I Diagrams for piping, ducting, equipment schedules, mechanical plant room layout & shop drawings for HVAC, Plumbing, and Fire Fighting systems independently.
- Coordinate with other disciplines like Electrical / Architectural plans / Maintenance Space / Access & Routing.
- Translate conceptual client designs into detailed engineering drawings, flow diagrams, and schematics.
- Prepare GA layout and detailing (plan, sections & elevations) in AutoCAD.
- Understand scope between HVAC and other disciplines: architectural, electrical, structural, civil, plumbing, fire protection, and Building Automation / Management System.
- Ensure technical correctness and timely delivery of drawings. Meet targets for drawing preparation.

- Knowledge of HVAC, Fire Fighting & Plumbing works.
- Familiarity with standards: ASHRAE, SMACNA, ARI, NFPA.
- Ability to review and analyze sketches, specifications, drawings, and follow procedures and designs.
- In-depth knowledge of AHUs, Ductable Split, Package Units, WTP, ZLD, STP, and pump room works.

Job Requirements:

- Diploma in Mechanical with 4+ years of strong experience in industrial project using AutoCAD.
- Numerate with good communication skills; familiar with SI units.
- Confident and articulate.
- Good attention to detail; capable of making effective presentations.
- Ability to manage multiple priorities effectively.

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Company Description