

Altitude Refrigeration Solutions Pte. Ltd is a progressive, specialist mechanical service and refrigeration contractor with a group head office in Nadi, a regional office in Australia, and a fabrication facility in Suva. We operate throughout Australia, New Zealand, and the South Pacific.

## Mechanical Engineer

The Mechanical Engineer will be responsible for the design, development, and execution of HVAC (Heating, Ventilation, and Air Conditioning) systems in commercial and industrial settings. This role involves working on mechanical designs, providing technical support, overseeing installations, and ensuring projects meet client specifications and industry standards. The ideal candidate will have strong problem-solving skills and extensive experience in HVAC systems design and troubleshooting. *The role is based at the Nadi Head Office.*

### Key Responsibilities:

- Design and develop mechanical HVAC systems for commercial and industrial projects.
- Conduct detailed load calculations to determine system requirements for heating, cooling, ventilation, and air distribution.
- Prepare and review technical drawings, specifications, and documentation for HVAC systems.
- Oversee the installation, commissioning, and testing of HVAC systems to ensure proper operation and compliance with design specifications.
- Troubleshoot and resolve technical issues related to HVAC systems during and after installation.
- Collaborate with project managers, contractors, and other engineering disciplines to ensure seamless project execution.
- Ensure compliance with local and international codes, standards, and regulations related to HVAC design and installation.
- Conduct site inspections and provide technical reports on system performance.
- Maintain up-to-date knowledge of advancements in HVAC technologies and industry trends.
- Prepare detailed cost estimates, proposals, and schedules for HVAC projects.
- Provide training and technical guidance to technicians and support staff.

### Qualifications:

- Strong knowledge of HVAC design software, e.g. AutoCAD (knowledge on Revit will be an added advantage).
- Familiarity with HVAC system components, including chillers, air handling units, ductwork, and control systems.
- Excellent problem-solving and analytical skills.
- Ability to manage multiple projects simultaneously and meet deadlines.
- Strong communication and teamwork skills.
- Professional Engineering (PE) license is preferred but not required.
- Knowledge of energy efficiency standards and green building practices is a plus.

### Additional Skills:

- Experience with VRF/VRV systems, chill water systems, and refrigerant management.
- Familiarity with renowned brands such as Daikin, Carrier, Midea, and Hisense.
- Strong understanding of mechanical codes and standards

Send us your application with an updated CV and work portfolio addressed to the HR Officer on email:  
**[recruitment@altituderefrigeration.com.fj](mailto:recruitment@altituderefrigeration.com.fj)**

Please include the position you are applying for in the subject line.