

JOB TITLE	SENIOR ENGINEER
DIVISION	DESIGN & ENGINEERING
REPORTS TO	GROUP DESIGN & ENGINEERING MANAGER
DATE	1/05/2019

POSITION DESCRIPTION

Position purpose

The Senior Engineer is responsible for providing engineering expertise and advice, and sharing their technical knowledge, to contribute to the success of the division and the company.

Main responsibilities

Core responsibilities:

- Promote and model Benmax values and behaviours
- Support and develop a skilled team capable of delivering exceptional engineering services to support all Divisions, align with the company's strategic objectives and contribute to profitability
- Assist with managing project budgets
- Promote and ensure compliance with relevant codes and standards and company's quality assurance (QA) system
- Participate in internal and external QA audits
- Improve efficiency and effectiveness by continually reviewing and updating QA systems and processes in consultation with Group Design & Engineering Manager and ICT Platform Manager and participate in regular team meetings
- Contribute to Division planning and participate in, and contribute to, other planning activities as required
- Monitor project progress and ensure project deliverables are met
- Work collaboratively with others to ensure the smooth function of the company between the various Divisions
- Work with HR Manager, Group/Division Managers and General Managers to ensure suitable staff and contractors are employed as required
- Develop and maintain client relationships

Position specific:

- Undertake leadership roles in support of the Group Design & Engineering Manager
- Support the engineering team to achieve compliant and practical design outputs
- Mentor engineering staff
- Ensure designs are compliant with relevant codes and standards
- Participate in engineering planning for all large design and construction projects
- Attend project kick-off meetings to gain an understanding of project scope and program and communicate sufficient details with engineers to facilitate successful delegation of engineering tasks
- Ensure deviations in task completion timeframes are communicated to the Project Manager well ahead of their due date
- Consult with key stakeholders, be proactive in problem resolution, ask questions to confirm scope and timeframes to complete
- Review engineering calculations, concept layouts and plant size for the project in accordance with Benmax QA processes

- Maintain and share knowledge of changes to code requirements and ensure these are incorporated into designs
- Review equipment options from suppliers for compliance with specifications/briefs and seek opinions on product reliability and other factors to help identify risks to Benmax reputation
- Follow up with engineering staff for compliance with Benmax QA processes (evidence of reviews, completion of design checklists, etc) prior to issue of construction status documentation
- Work with the view we will commission and maintain the facility for life; design with this end in mind

The above list is not exhaustive and the role may change to meet Benmax strategic objectives.

Key Performance Indicators (KPIs)

- Attention to detail/quality of the engineering tasks/calculations
- Timeliness of completing engineering tasks in response to clear project program deadlines
- Adherence to quality assurance processes

Knowledge, skills and abilities

- [Level 2 core competencies](#)

This position:

- Sound understanding of AMCA Fundamentals of Air and Water Balance and AMCA Fire Damper regulatory requirements
- Expertise in use of heat load software programs
- Expertise in HVAC system design and commissioning
- Bachelor of Engineering – Mechanical (essential)
- Sound knowledge of NABERS (desirable)

Qualifications

Industry membership/s

- Engineers Australia - MIEAus

Experience

- Minimum seven years' design experience in the construction industry