

Job Title	Grant Transformers – Mechanical Projects Engineer	Reports to	Project Manager
Job Description Summary Mandatory: • Design skill including calcs. – Structural and Enclosure design • Lifting analysis including calcs. • Software – Solid works • Heat simulation for enclosure • Load simulation for the skid Preferred: • Able to read or draw electrical GA, SLD • Document management • Awareness about welding and painting procedure			
ROLE AND RESPONSIBILITIES • Produce models and detail drawings of mechanical equipment such as enclosures, skids, complex mechanical structures • Ensure compliance with standards, policies, and procedures. • Ensure that all project deliverables meet the project requirements • Communicate with other departments (Engineering, Project management, Workshop), provide updates, raise issues, and attend team meetings • Perform checks to ensure the accuracy and consistency of all project drawings and documents throughout the design and detail phase. • Obtain practical feedback to help continually improve the output of the drawing office regarding accuracy, quality and presentation of drawings and documents. • Review and adhere to client specifications • Demonstrate high standard of personal safety and safe design practices • Electrical SLD drafting with support of Electrical Engineers • Implement process and policies which improve companies GA and SLD's • Ensure supplier quality control and on time deliverables to project deadlines • Customer technical support About You • 5+ years' experience with mechanical equipment, design and lifting systems • Certification in Engineering Drafting and/or Diploma in Mechanical Engineering • 3D modelling and 2D drafting experience with Autodesk AutoCAD, Inventor and Vault and/or Solid Edge, Solidworks • Strong detailing skills regarding weld symbols, machining details, geometric tolerancing			

- Strong understanding of metal fabrication processes such as welding, sheet metal bending and machining
- Familiar with Australian and Mining Company Standards
- Leadership skills with a strong ability to effectively communicate, designate and organize
- Ability to work independently and manage own workload and deliverables
- Ability to problem solve efficiently

QUALIFICATIONS AND EDUCATION REQUIREMENTS

- Year 12 graduation with science – mths subjects
- Tertiary qualification in engineering
- Minimum 5 years industry experience in a project management or customer service role

GRANT VALUES

- Say what we do and do what we say, (We believe builds respect and integrity)
- We are honest with all our dealings at work
- We are open and transparent in the way we deal with our customers, suppliers, and our work colleagues
- We are responsible for our actions and our future
- If we help our customer with value added solutions then we will all do well
- We work as a team to give superior results and problem solving skills

KEY PERFORMANCE INDICATORS (KPI'S)

- Feedback from customer surveys 90% positive
- Improved Document Control System with easy search function
- Returning customers, based on excellent project outcomes
- Reduced sheetmetal cost of manufacturing

EMPLOYEE SIGNATURE & DATE

Our Vision

To be part of a better future for our customers and employees by understanding and solving our customers' needs and problems.

Our Mission

Our mission is to identify customer's electrical problems and develop solutions.

We do this while continuously improving and developing our skills in communication and learning.

We believe the result of this will be a better tomorrow.

Our Values

Customer focused

Value added solutions benefits everyone.

If we can help, our customers do well then we will do well.

What goes around comes around.

Teamwork

Work as a team to understand and solve our customers transformer problems and provide excellent customer care

Innovation

Value innovation and creativity and improve everything we do

Integrity

Honor commitments

Do what we say and say what we do - creates respect

Responsibility

Be accountable for our actions and our future

Office Values

- We keep our areas organised and labeled where appropriate and keep like items together
- We use consumables efficiently
- We organise efficient ways of working
- We keep our work areas vacuumed and dusted
- Maintenance items are listed on Mondays check sheets and followed through
- We promptly correct any errors and advise others if it affects them
- For critical information we have a second competent person check our work
- If we turn equipment on, we turn it off (except life support systems)