



JOB DESCRIPTION AND PERSON SPECIFICATION

JOB TITLE: PROJECT ENGINEER

REPORTING TO: ENGINEERING MANAGER

RESPONSIBLE FOR: ENGINEERING TEAM

JOB SUMMARY:

The Project Engineer is responsible for managing new projects from concept to completion, ensuring they meet technical, budgetary, and scheduling requirements. The Project Engineer will work closely with suppliers and clients to deliver high-quality, cost-effective engineering solutions, including arranging Factory Acceptance Testing (FAT) and other independent inspections as required.

MAIN DUTIES OF JOB:

1. Project Management & Coordination

- Provide effective leadership in engineering, ensuring they are delivered on time, within budget, and to specification.
- Develop and maintain project schedules, setting clear milestones and deadlines.
- Coordinate with design, manufacturing, procurement, and quality teams to ensure smooth execution.
- Identify project risks and implement mitigation strategies.

2. Engineering Design & Technical Compliance

- Review and check contract GA technical drawings and specifications to ensure compliance with contract requirements.
- Ensure engineering designs comply with industry regulations, safety standards and customer expectations.
- Optimise designs for manufacturability, cost-effectiveness and efficiency.
- Work with the engineering team to integrate new technologies and improve existing product design performance.

3. FAT & Independent Inspections

- Arrange and oversee Factory Acceptance Testing (FAT) in collaboration with customers and quality teams.
- Co-ordinate third-party and independent inspections as required to meet contractual or regulatory obligations.
- Ensure all testing and inspections are documented and meet compliance requirements.



- Address and resolve any non-conformities or technical issues identified during FAT or independent inspections.

4. Cost Control & Efficiency Optimisation

- Assist in preparing project cost estimates and support the quotation process where required.
- Identify cost-saving opportunities while maintaining engineering integrity
- Monitor project expenses and ensure adherence to budget constraints.
- Support the production team in increasing productivity across all product lines through engineering solutions to improve work-flow efficiency and cost effectiveness.

5. Supplier & Client Liaison

- Provide project technical support for clients and internal team, addressing queries and providing project updates where necessary.
- Liaise and work with supplies to ensure product quality requirements are understood and achieved within agreed delivery times.
- Support business development and sales teams by providing technical insights and assistance with proposals.

6. Quality Assurance & Continuous Improvement

- Ensure all projects meet Solitec's quality standards and customer specifications.
- Conduct design reviews, testing and troubleshooting to resolve engineering issues where necessary.
- Contribute to process improvement initiatives to enhance operational efficiency.
- Support written technical deviations and clarifications in response to customers project specifications where necessary.
- Cultivate a high level of quality standard expectation and adherence to organisational quality objectives by fostering a culture of continuous improvement and technical excellence with the team.
- Proactively develop and maintain collaborative working relationships with all teams.
- Support the continual development of internal processes and staff identifying areas of improvement.

7. ISO 9001 – Quality Management System

- Provide effective leadership and management in maintaining and continual improvement of the company's quality management system



8. KPI's

- Track and monitor on time project delivery %
- Track and monitor project cost variance vs contract budget %

OTHER DUTIES:

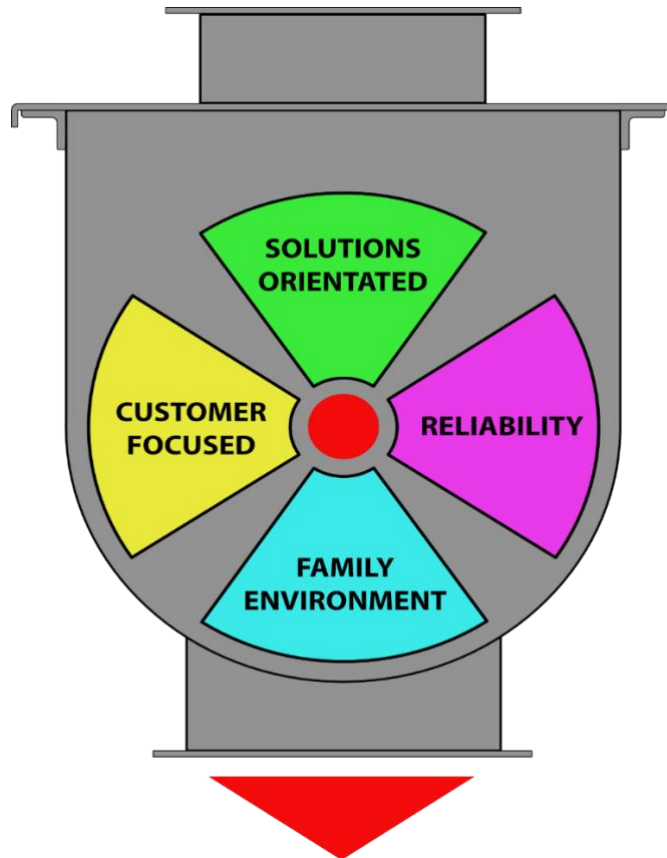
A degree of flexibility is needed and the employee may be required to perform work not specifically referred to above.

HEALTH AND SAFETY:

Provide effective management support in maintaining and developing the health and safety management system which outlines responsibilities as an employer to maintain a safe system of work throughout the company and enforcing the policies where necessary.



COMPANY VALUES



FAMILY ENVIRONMENT

We demonstrate commitment and passion in everything we do. Proud to be a family business we want all of our people to feel a sense of inclusion, support and belonging.

RELIABILITY

We manufacture high quality, durable, reliable products which continue to deliver value for our customers over its lifetime.

CUSTOMER FOCUSED

We operate globally, with local presence across 5 continents. We are committed to supporting our customers from first contact throughout the product lifespan.

SOLUTIONS ORIENTATED

We are bulk material handling specialists and work with our customers to deliver the best solutions. Chances are we have already come across your problem and solved it.



PERSON SPECIFICATION

	Essential or desirable
Education	
Degree in Engineering/Manufacturing Operations or equivalent demonstratable experience	E
Management qualification	D
Knowledge and Experience	
Demonstrable experience of working as a Project Engineer	E
Experience and knowledge of working with different materials of construction (mild/carbo/stainless/aluminium/nonferrous), with particular attention to the final finishing/polishing of goods to a high aesthetic standard	E
Knowledge and experience of engineering within a machine shop/fabrication/fitting shop environment	E
Experience of leading, motivating and developing a team	D
Excellent IT skills and experience using Microsoft Office	E
Knowledge and understanding of regulatory processes (e.g. ATEX and PED)	E
Understanding of technical material specifications (ASTM/ISO etc.) and IEC standards for E&I	D
Knowledge of electrical & instrumentation IEC standard	D
Skills and personal attributes	
Excellent communication, verbal and written skills	E
Ability to quickly establish and where appropriate further develop effective relationships with key internal and external stakeholders	E
Excellent interpersonal skills to deal with challenging situations	E
Be innovative and open to new ideas	E
Find solutions to problems in an efficient and effective manner	E



Deliver with the highest integrity the best service to all our customers	E
Be resilient and positively adapt to change	E
Self-motivated with a desire to set high standards of work performance for yourself and your team.	E
Excellent organisational skills with the ability to manage workload with competing priorities and frequent interruptions	E
A self-starter who focuses on generating opportunities and outcomes	E
A positive outlook with the ability to inspire confidence and provide vision.	E
High attention to detail	E