

## **JOB DESCRIPTION AND PERSON SPECIFICATION**

**JOB TITLE:** **PROJECTS TECHNICAL LEAD (MECHANICAL/E&I)**

**REPORTING TO:** **Projects Manager**

**RESPONSIBLE FOR:** **Project Engineers  
Document Controllers**

### **JOB SUMMARY:**

The Technical Lead (Mechanical/E&I) will steer and support the Roots project team to deliver compressor packages that adhere to both company and client project specifications and standards.

### **MAIN DUTIES OF JOB:**

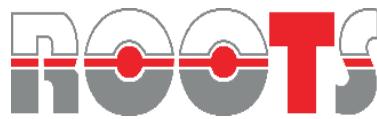
- Ensure custom-built compressor packages are delivered to client and company spec from the project sales handover all the way through to package delivery to the client.
- Review and steer the design and production activities throughout the project to ensure correct specifications and standards are met, without over-engineering solutions or causing unnecessary schedule slippage.
- Engage directly with clients, suppliers, project, production, design and QHSE teams to ensure requirements are understood and met e.g. inhouse specs, regulatory processes, material, and design specifications such as ASME VIII and PD5500, industry electrical and instrumentation standards.
- Support the project teams with resolving technical and commercial issues by finding appropriate solutions, while ensuring Roots interests are protected.
- Guide and expedite the design team to produce drawings that meet project specifications and drive production activities.
- Support the project team with the creation of key technical documentation such as the MRB, Installation and Operation Manuals, and Datasheets, by leveraging a team of project engineers and document controllers.
- Oversee stewardship of project lessons learned and update company technical guidance material to support future projects.
- Drive design standardisation efforts with the design team to improve cost and time performance on future projects.

### **OTHER DUTIES:**

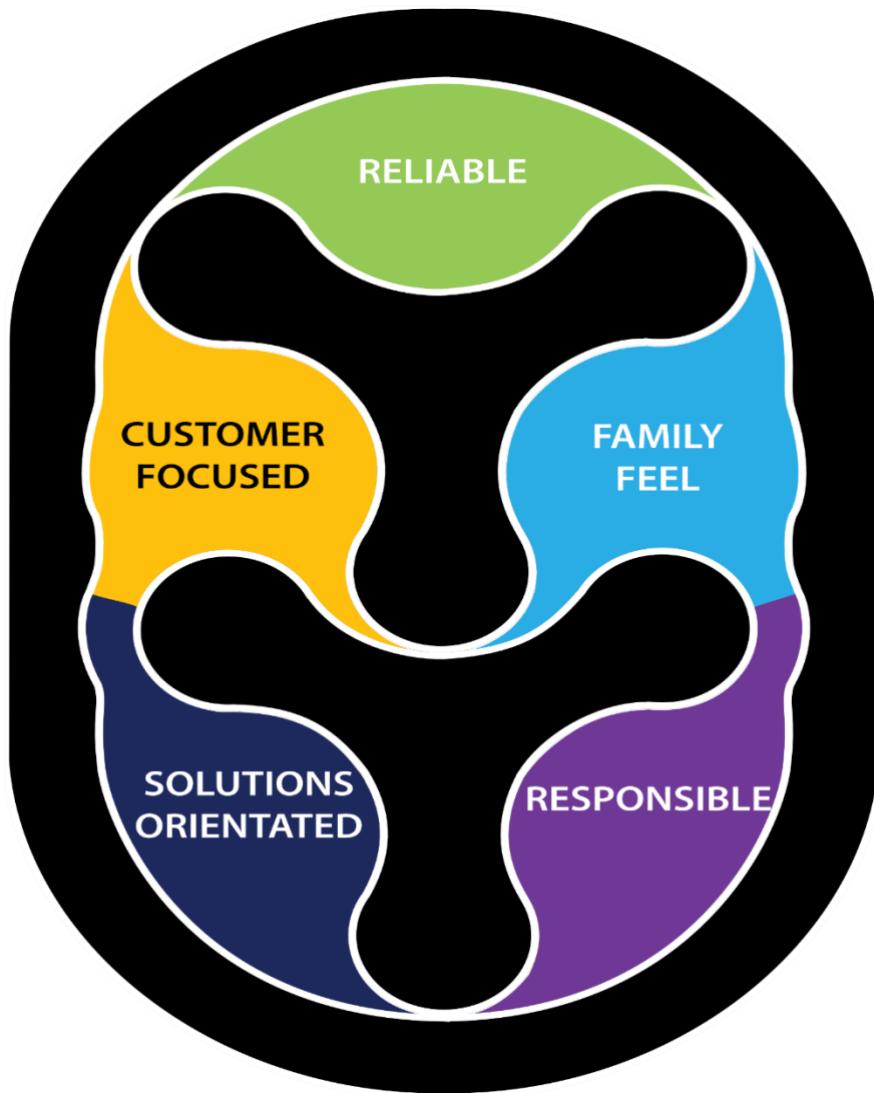
A degree of flexibility is needed and the employee may be required to perform work not specifically referred to above.

### **HEALTH AND SAFETY:**

The Company has a Health and Safety Policy which outlines its responsibilities as an employer and the responsibilities of its employees in respect of health and safety. All employees need to be aware of this policy and comply with its content.



## COMPANY VALUES:



### **RELIABLE**

Our customers trust us because we manufacture high quality, durable and long-lasting products which continue to deliver value over their lifetime.

### **CUSTOMER FOCUSED**

We operate globally, with local presence across 5 continents. We are committed to supporting our customers from first contact and continually look for opportunities to add value.

### **FAMILY FEEL**

We are proud to be a family business, we want all of our people to feel a sense of inclusion, support and belonging.

### **SOLUTIONS ORIENTATED**

We are experts in the design and assembly of custom packages for challenging environments and work with our customers to deliver the best solution to suit their needs.

### **RESPONSIBLE**

We are resource aware and mindful of full lifecycle costs. We are consciously seeking new applications that support a cleaner, safer, more sustainable future.



## PERSON SPECIFICATION

|   | Essential or<br>desirable                      |
|---|--|
| <b>Education</b><br><br>Degree level Mechanical or Electrical Engineering. Or demonstrable industry experience in a similar role.   | E  |
| <b>Knowledge and Experience</b><br><br>Onshore & offshore Skid Package Builds<br><br>Awareness of industry material and design standards e.g. ATEX, ASME.<br><br>Rotating Equipment<br><br>E&I specification<br><br>Strong understanding and experience working with P&ID and GA Drawings<br><br>Microsoft software packages including Project<br><br>End-user and EPC interaction/ways of working<br><br>Project management skills<br><br>PO and Contract Management – Technical and Commercial<br><br>Team lead/management experience | D<br>E<br>D<br>D<br>E<br>E<br>D<br>E<br>D      |
| <b>Skills and personal attributes</b><br><br>Attention to detail<br><br>Be committed to the job and have a passion for engineering<br><br>Positive and enthusiastic attitude<br><br>Can-do approach to tasks<br><br>Ability to use own initiative<br><br>Ability to work effectively as part of a team<br><br>Ability to communicate with a variety of people & levels<br><br>Tenacious, curious & resilient.<br><br>Willing to ask for support as necessary  | E<br>E<br>E<br>E<br>E<br>E<br>E<br>E<br>E<br>E |