ROLE PROFILE: RIGGER

Occupational Area:	Asset/Site – Rigging
Job Role Examples:	Rigger

Role Overview:

Rigging in engineering construction refers to the lifting, moving and positioning of loads via mechanical means. Due to the specialised and hazardous nature of the work, a rigger requires extensive training at a specialist instructional centre followed by consolidation of knowledge and experience in a workplace environment.

The complexity of many rigging operations necessitates the need for teams of riggers to work cohesively in order to successfully and safely complete moving load activities. Given the hazardous nature of operations, participants in rigging teams place significant trust in their colleagues. This requires a high level of knowledge and competency to ensure operations are professionally, safely and successfully performed.

The role of a rigger in the engineering construction industry should not be confused with that in other industries. The term 'rigger' is used in the civil construction and entertainment industries to describe a role that is primarily concerned with the rigging of access equipment and rope suspension systems as well as lighting rigs.

Knowledge & Skills:

The rigger will:

- Have the required competencies to plan, position, install and dismantle construction elements and assemblies, and to prepare and traverse a load to its point of placement and position it, while adhering to the Lifting Operations and Lifting Equipment Regulations 1998 (LOLER) with consideration to environmental and sustainability.
- Understand relevant legislative, regulatory, and local requirements following procedures and safe working practices, including their responsibilities to reporting lines.
- Understand work area preparation and reinstatement requirements, materials and equipment, and the possible consequences of incorrect actions in these areas.
- Be able to read and interpret relevant, quality standards and equipment manuals, and to follow work instructions, lift plans and relevant schedules.
- Understand which tools and equipment to use and when, and follow training methods and techniques and quality control and safe operating procedures for their use.
- Understand their responsibilities for ensuring the care and security of tools and equipment used.
- Understand the types of defects and faults that can occur, how to identify them, and what action to take.
- Be able to handle a range of digital information technology and equipment as appropriate to support work related tasks and to communicate information.

Technical Competencies:

- **TML03* - Move an uneven load safely through an obstructed area using a lift plan** – select equipment and lifting accessories to sling, lift and move an unequally weighted load through a restricted access area to an identified location in accordance with appropriate industry regulations/procedures. **OPITO stage 3 or 4 Rigger Assessment is also accepted as demonstrating equivalent competence for Offshore sites.*

Behaviours:

- Establish and maintain effective working relationships, communicate effectively, and work inclusively to deliver work within given specifications.

- Demonstrate team working skills and interact with team members in a positive and professional manner.
- Work within an overall risk control strategy which has been developed by safety specialists and includes detailed criteria for identifying risks, together with clearly defined procedures for action which must be followed.
- Take personal ownership of, and responsibility for, completing tasks and procedures.
- Follow procedures and relevant codes of conduct with integrity and rigour and complete actions and documents accurately and honestly.
- Take responsibility for identifying and reporting instances where procedures or work instructions cannot be met or where a variation in them is required.
- Deal promptly and effectively with problems within their control and report those that have been, and those that cannot be, solved.
- Take responsibility for supervising and mentoring others where appropriate.
- Demonstrate the ability to coordinate work scopes and simultaneous operations (SIMOPS) effectively within a wider team, as required.
- Demonstrate effective handover of ongoing tasks and responsibility for equipment at the end of a task.
- Take responsibility and ownership of personal development, set targets to plan on how these will be achieved.
- Maintain compliance with legislative requirements and company policies, procedures and standards.
- Maintain and demonstrate ongoing technical competence and skill set to current standards and updates.
- Support innovation and development for improvements.

SUPPORTING NOTES: RIGGER

The Connected Competence standard role profile for a Rigger sets out the knowledge, skills, technical competencies and behaviours that are expected from a fully competent Rigger in any sector of the Engineering Construction Industry. Once competence is first achieved through training and subsequent qualification, **regular testing** ensures that **ongoing** competence is maintained, against a recognised standard.

This supporting document highlights transferable qualifications and any additional technical requirements that maybe specific to a certain sector to support standardisation of skills and workforce transferability. It does not reference any site-specific or sector specific safety training.

Sector Specific Qualifications

Prior to embarking on the formal technical test assessment cycle, an individual would be expected to have core trade qualifications as a minimum requirement:

Key
Accepted - Applicable qualification for the role with no gap analysis required
Recognised - Applicable technical content, however a gap analysis maybe required for appropriate unit completion
Dependant on Employer - May or may not be recognised

Qualification Details	**Offshore Oil & Gas**	**Onshore Oil & Gas**	**Wind**	**Nuclear**
L3 Diploma/SCQF 6 in: Engineering Construction Lifting, Positioning and Installing Structures, Plant and Equipment – Rigging; OR Moving Engineering Construction Loads				
L3 NVQ/SVQ/SCQF6 Diploma in: Engineering Construction: Constructing Capital Plant Steel Structures - Lifting and Positioning – Rigging; Moving Engineering Construction Loads; OR Moving Loads				
L3 Engineering Construction Rigger Erector Apprenticeship				

Additional Technical Competence requirements

Given the hazardous nature of some Engineering Construction working environments, the overall risk control strategy for the organisation will usually require Riggers to be familiar with, and work within, a formal Permit to Work system. Compliance with a specific company or site safety management system (SMS) will also usually be required and additional 'site-specific' technical competence will be developed on top of basic technical competence assurance. Specialist safety training may also be required as a prerequisite in addition to role specific training.

Oil & Gas	**Wind**	**Nuclear**	**CCUS**	**Hydrogen**
• Lifting gear inspection / Examiner certificate.	• No additional technical competencies	• No additional technical competencies	• No additional technical competencies	• No additional technical competencies