

CRANES AND LIFTING

1 INTENT

To ensure the health, safety, and environmental (HSE) risks associated with Cranes and Lifting activities are effectively managed, to so far as reasonably practicable.

All Supervisors and Designated leads are responsible for implementation and compliance with this Standard.

Contractors must meet or exceed the requirements of this Standard applicable to their work scope

2 REQUIREMENTS

CS Energy shall ensure that process are implemented and maintained to ensure compliance to relevant legislation, Mobile Crane Code of Practice and Permit to Work requirements.

Key requirements include:

- Prior to lifting, loading, and unloading activities, conduct appropriate risk assessments, implement controls in line with the hierarchy of controls, and ensure risks are managed and maintained.
- Conduct assessments and develop lift plans for critical lifting as defined in this standard. An approved Permit to Work must used for critical lifts.
- Ensure that personnel involved in lifting, loading and unloading work are trained and competent to perform their duties.
- Before undertaking lifting, loading and unloading activity, confirm that all equipment is fit for purpose, and that safety devices are installed and operational, including the use of tag lines.
- Establish appropriate exclusion and safe zones are established under the control of the loading/unloading operator.
- Implement inspection, maintenance and certification regimes for equipment used in lifting, loading and unloading activities, and maintain appropriate records.

3 DEFINITIONS

Lifting for the purposes of this procedure includes the raising or lowering of a load by means of suspension via rigging using lifting devices including cranes. Lifting is used in this document to describe all types of lifting and hoisting.

Loading and unloading for the purposes of this procedure describes the use of Lifting and mobile equipment to remove or place items onto a vehicle.

Critical lifts is a lift where any of the following apply:

- Lifts which exceed 75% of the manufacturer's rated capacity for the crane or hoisting equipment.
- Lifts which involve two cranes, hoists or a combination of lifting equipment.
- Lifts which are conducted in close proximity to or over Operating Plant or equipment or which have the potential to impact overhead services.
- Lifts where the object being lifted is awkward i.e. an asymmetrical shape, an undetermined centre of gravity and/or close installation tolerances.
- Lifts which involve the lifting of personnel.
- Lifts which are conducted within a confined space as defined in the Confined Space Entry Procedure.
- Lifts where the load can cause significant impact if not managed correctly.