



Australian Government

RIIHAN304D Conduct slewing crane operations

Release: 3

RIIHAN304D Conduct slewing crane operations

Modification History

Release	Comment
1	This unit replaces RIIHAN304A Conduct slewing crane operations.
2	Editorial corrections; Amend reference to Licensing requirements in Unit Application
3	Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm.

Application

This unit describes a participant's skills and knowledge required to conduct slewing crane operations in the Resources and Infrastructure Industries.

This unit is appropriate for those working in operational roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories and industry sectors. Relevant information must be sourced prior to application of the unit.

Elements and Performance Criteria

1. Plan and prepare for slewing crane operations	1.1 Access, interpret and apply crane operation documentation and procedures and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and address potential risks, hazards and environmental issues, and implement control measures 1.4 Select and wear personal protective equipment appropriate for work activities 1.5 Access, interpret and apply safety information and procedures throughout the work activity 1.6 Prepare work in accordance with AS2550, relevant legislation, safety requirements and manufacturer/site requirements 1.7 Carry out assembly and dismantling of boom/jib 1.8 Coordinate activities with others prior to commencement of, and during, the work activity
2. Operate slewing crane	2.1 Carry out pre-start, start-up, park-up and shutdown procedures 2.2 Position, stabilise and level crane prior to commencement of lift operations 2.3 Prepare load for lift in accordance with crane limitations and rigging requirements 2.4 Confirm the work area is clear and safe prior to commencing the lift 2.5 Use crane controls and functions to lift and position loads or personnel 2.6 Act on or report monitoring systems and alarms 2.7 Recognise and respond to hazardous and emergency situations 2.8 Complete work according to the agreed work plan
3. Travel crane	3.1 Plan a firm and level route for the crane travel 3.2 Identify and control hazards along the route 3.3 Travel the crane
4. Perform multiple crane lift	4.1 Obtain approval to carry out a multiple crane lift from the appropriate statutory authority 4.2 Plan multiple lift and obtain approval for lifting plan by an authorised person 4.3 Carry out the authorised plan under the supervision of and authorised person

5. Perform crane operator maintenance	5.1 Perform slewing crane inspections and fault finding 5.2 Conduct routine operational servicing, lubrication and housekeeping tasks 5.3 Conduct minor operator maintenance 5.4 Provide operator support during preparation for, and conduct of, major maintenance tasks 5.5 Process records
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Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

Unit Mapping Information

RIIHAN304A Conduct slewing crane operations

Links

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>