



Australian Government

RIIHAN310D Conduct crane operations underground

Release: 3

RIIHAN310D Conduct crane operations underground

Modification History

Release	Comment
1	This unit replaces RIIHAN310A Conduct crane operations underground.
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 crane operations underground in Coal and Metalliferous mining.

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.

Unit Sector

Coal mining

Metalliferous mining

Elements and Performance Criteria

1. Plan and prepare to conduct crane operations underground	1.1 Access, interpret and apply crane operations documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Select and wear personal protective equipment appropriate for work activities 1.4 Check indicators and perform pre-start checks on equipment and attachments 1.5 Identify and address potential risks, hazards and environmental issues, and implement control measures 1.6 Carry out start-up procedures 1.7 Communicate with other equipment operators and personnel using approved communication methods 1.8 Scale loose material and make site safe 1.9 Use approved dust suppression and extraction methods 1.10 Ensure area is well ventilated before entry into work area
2. Lift and shift load	2.1 Determine rigging and slinging requirements after assessing site and load conditions 2.2 Determine lifting technique according to the nature of the load being moved and the required location 2.3 Operate equipment within work environment and equipment limitations, using safe driving conventions 2.4 Monitor and manage equipment performance using appropriate indicators/gauges 2.5 Assess ground conditions, position equipment ensure stability of crane and safety of other equipment and personnel 2.6 Complete all written documentation clearly, concisely and on time 2.7 Pass on written or verbal end of shift information to oncoming shift
3. Carry out operator maintenance	3.1 Carry out shutdown procedures 3.2 Service and make minor adjustments to equipment 3.3 Visually inspect equipment, report faults in writing or verbally, and make equipment available for routine operational servicing
4. Conduct housekeeping activities	4.1 Clean equipment and work area

	4.2 Clean and store ancillary service equipment
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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

RIIHAN310A Conduct crane operations underground

Links

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