



Australian Government

RIIOGD202D Carry out equipment and basic rig maintenance

Release: 2

R1IOGD202D Carry out equipment and basic rig maintenance

Modification History

Release	Comment
1	This unit replaces R1IOGD202A Carry out equipment and basic rig maintenance
2	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 apply carry out equipment and basic rig maintenance in Drilling.

This unit is appropriate for those working in assistant 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

Drilling

Elements and Performance Criteria

1. Plan and prepare for operations	<p>1.1 Access, interpret and apply rig equipment and maintenance and ensure the work activity is compliant</p> <p>1.2 Obtain, read, interpret, clarify and confirm work requirements</p> <p>1.3 Identify and address potential risks, hazards and environmental issues and implement control measures</p> <p>1.4 Select the personal protective equipment appropriate for the work activity</p> <p>1.5 Clarify difficulties in carrying out the instructions with the relevant personnel</p> <p>1.6 Resolve coordination requirements with others at the site prior to commencing, during and on completion of the work activities and ensure briefings/handover details are read/passed on</p>
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	<p>1.7 Conform to safe working practices and operational requirements</p> <p>1.8 Confirm availability of necessary auxiliary equipment</p>
2. Prepare and paint metal surface	<p>2.1 Identify, locate, and wear personal protective equipment</p> <p>2.2 Prepare surface using correct equipment</p> <p>2.3 Apply rust remover, rust converter and undercoat</p> <p>2.4 Mix epoxy, paracryl or other paints in correct proportions</p> <p>2.5 Mask and protect equipment against overspray</p> <p>2.6 Apply finishing coat using brush, roller and spray gun</p> <p>2.7 Clean equipment</p>
3. Assist in maintenance of materials handling equipment	<p>3.1 Identify faults/potential faults and report immediately</p> <p>3.2 Identify, record in writing and/or report requirement for repair or maintenance</p> <p>3.3 Perform periodical maintenance on chain blocks and comealongs, ensuring equipment is corrosion free, lubricated and operating freely</p> <p>3.4 Assist with periodical examination of hooks, shackles, slings and strops for defects, correct marking of SWL and ease of operation</p> <p>3.5 Maintain equipment</p>
4. Prepare and use solvent solutions and rig wash to clean and maintain work areas in non-slippery condition	<p>4.1 Correctly use hazardous chemicals for cleaning</p> <p>4.2 Isolate area being washed or provide warning signs to indicate slippery decks</p> <p>4.3 Prepare and apply solvent solutions and rig wash and ensure work areas is maintained for non-slippery conditions</p> <p>4.4 Clean equipment correctly and stow on completion</p> <p>4.5 Clean, preserve and reassess painting equipment</p>

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

RIIOGD202A Carry out equipment and basic rig maintenance

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>