



**Australian Government**

# **RIIOGD209D Operate and maintain ancillary equipment**

**Release: 2**

## RIIOGD209D Operate and maintain ancillary equipment

### Modification History

Release	Comment
1	This unit replaces RIIOGD209A Operate and maintain ancillary equipment
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 operate and maintain ancillary equipment in Drilling.

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

Drilling

## Elements and Performance Criteria

<p>1. Plan and prepare for operating and maintaining ancillary equipment</p>	<p>1.1 Access, interpret and apply operations and maintenance for ancillary equipment documentation, 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 Resolve coordination requirements with others at the site prior to commencing, during and on completion of work activities and ensure briefings/handover details are read/passed on</p> <p>1.6 Confirm availability and status of necessary permits to work</p> <p>1.7 Confirm availability of necessary third party utilities</p>
<p>2. Maintain pumps</p>	<p>2.1 Inspect lubrication, brake cooling and oil flushing pumps for leaks or abnormal operation</p> <p>2.2 Lubricate pumps</p> <p>2.3 Replace packing in centrifugal pumps</p>
<p>3. Operate, maintain and repair gate valves associated with mud system</p>	<p>3.1 Identify, locate and wear correct personal protective equipment</p> <p>3.2 Align, open and close valves</p> <p>3.3 Lubricate valve stems as required</p> <p>3.4 Identify defective parts in valves and replace</p>
<p>4. Operate and maintain chemical mixing pumps and equipment</p>	<p>4.1 Identify faults or potential faults and report immediately</p> <p>4.2 Identify, record in writing and/or report requirement for repair or maintenance</p> <p>4.3 Perform equipment checks regularly and efficiently</p> <p>4.4 Line up valves properly</p> <p>4.5 Engage mixing and transfer pumps</p> <p>4.6 Lubricate valves, mixing pumps and transfer pumps</p> <p>4.7 Replace defective or malfunctioning parts and valves on pumps</p> <p>4.8 Clean and inspect mixing hopper and mixing area</p> <p>4.9 Isolate equipment as required</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**

RIIOGD209A Operate and maintain ancillary equipment

## **Links**

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