



**Australian Government**

# **RIIPGP302D Monitor and operate auxiliary plant and equipment**

**Release: 2**

# **RIIPGP302D Monitor and operate auxiliary plant and equipment**

## **Modification History**

<b>Release</b>	<b>Comment</b>
1	This unit replaces RIIPGP302A Operate raw material feed systems
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 monitor and operate auxiliary plant and equipment in 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**

Metalliferous mining

## **Elements and Performance Criteria**

1. Plan and prepare for auxiliary plant and equipment monitoring and operation	1.1 Access, interpret and apply, monitoring and operation of auxiliary plant and equipment, 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 the activity 1.4. Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency 1.5. Identify and address potential risks, hazards and environmental issues, and implement control measures 1.6. Establish and maintain communication with other personnel using approved communication methods
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	<p>1.7. Carry out equipment pre-start checks</p> <p>1.8. Use dust suppression and extraction methods</p>
2. Carry out plant and equipment inspections and checks	<p>2.1. Check correct plant operation prior to start-up</p> <p>2.2. Check condition of plant and equipment for fault, identify damaged and inoperable equipment and report to relevant personnel</p> <p>2.3. Complete all required written documentation for shift hand-over.</p> <p>2.4. Physically, continuously inspect plant, take equipment indicator readings and identify and rectify defects and potential problems</p> <p>2.5. Communicate all shift information verbally or in writing to oncoming shift</p>
3. Operate and monitor plant and equipment	<p>3.1. Carry out plant and equipment start-up checks and procedures</p> <p>3.2. Monitor operating plant and equipment for correct, efficient performance</p> <p>3.3. Changeover auxiliary/ancillary plant to meet operational and maintenance requirements</p> <p>3.4. Interpret and respond to plant alarms, take remedial actions and notify appropriate personnel</p> <p>3.5. Identify basic faults and adjustments and make repairs to running/operating plant where necessary to maintain plant performance</p> <p>3.6. Complete all written required documentation clearly, concisely and on time</p>
4. Maintain plant and equipment efficiency	<p>4.1. Carry out plant and equipment maintenance</p> <p>4.2. Check and adjust plant condition to maintain efficient operation</p> <p>4.3. Clear pipeline and pumping system blockages</p> <p>4.4. Maintain materials storage vessel levels to meet plant operating demands</p> <p>4.5. Clean plant to maintain condition of all equipment and work area hygiene</p> <p>4.6. Identify and report hazards</p> <p>4.7. Take and test samples</p>
5. Shutdown and/or isolate plant and equipment	<p>5.1. Carry out plant and equipment shutdown procedures</p> <p>5.2. Isolate plant and equipment for maintenance and plant configuration purposes</p>

	5.3. Perform post shutdown or isolation checks 5.4. Provide support for maintenance personnel and activities 5.5. Communicate shift change-over details to oncoming shift
6. Conduct housekeeping activities	6.1. Clear work area and dispose of or recycle materials 6.2. Clean and maintain condition of equipment, ensure suitability for use, and address/report issues 6.3. Manage and/or report hazards, and maintain a safe working environment 6.4. Process records

## 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

RIIPGP302 Monitor and operate auxiliary plant and equipment

## Links

Companion Volume implementation guides are found in VETNet -

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

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