



**Australian Government**

# **RIPBE203D Conduct precipitation operations**

**Release: 2**

## RIIPBE203D Conduct precipitation operations

### Modification History

Release	Comment
1	This unit replaces RIIPBE203A Conduct precipitation operations
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 conduct precipitation operations 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 precipitation operations	1.1 Access, interpret and apply precipitation operation documentation and ensure the work activity is compliant 1.2. Obtain, read, interpret, clarify and confirm work requirements 1.3. Coordinate and communicate with other personnel using approved communication methods 1.4. Select and wear personal protective equipment appropriate for work activities 1.5. Select and use appropriate type of auxiliary equipment for work activities 1.6. Perform equipment pre-start checks to ensure equipment is ready for operation 1.7. Identify and address potential risks, hazards and
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	<p>environmental issues, and implement control measures</p> <p>1.8. Obtain and interpret emergency procedures and be prepared for fire/accident/emergency</p> <p>1.9. Use approved dust suppression and extraction methods</p> <p>1.10. Ensure area is well ventilated before entry into work area</p>
2. Start-up equipment in sequence	<p>2.1. Carry out start-up procedures and complete start-up checks according to plant configurations and system requirements</p> <p>2.2. Confirm plant is operational</p>
3. Operate and monitor equipment	<p>3.1. Read and interpret and apply data from equipment indicators to determine precipitation efficiency</p> <p>3.2. Continuously inspect and monitor operations/plant and catchment areas to identify defects and potential problems</p> <p>3.3. Adjust equipment to approved operating parameters to optimise and maintain efficient precipitation</p> <p>3.4. Add reagents to approved operating parameters</p> <p>3.5. Determine the effects adjustments have on upstream or downstream outputs and communicate to others</p> <p>3.6. Complete all required documentation clearly, concisely and on time</p> <p>3.7. Pass on end of shift information verbally or in writing to oncoming shift</p>
4. Shutdown in sequence and/or isolate equipment	<p>4.1. Shutdown or isolates equipment based on process and safety requirements</p> <p>4.2. Perform post shutdown or isolation checks</p> <p>4.3. Returns equipment to service</p>
5. Conduct housekeeping activities	<p>5.1. Clear work area and dispose of or recycle materials</p> <p>5.2. Clean and maintain condition of equipment, ensure suitability for use, and address/report issues</p> <p>5.3. Manage and/or report hazards, and maintain a safe working environment</p> <p>5.4. Process records</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**

RIIPBE203A Conduct precipitation operations

## **Links**

Companion Volume implementation guides are found in VETNet -

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