



Australian Government

RIPBE201D Conduct aeration process

Release: 1

RIIPBE201D Conduct aeration process

Modification History

Not applicable.

Application

This unit describes a participant's skills and knowledge required to conduct aeration process 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

<p>1. Plan and prepare for aeration activities</p>	<p>1.1. Access, interpret and apply aeration documentation and ensure the work activity is compliant</p> <p>1.2. Obtain, read, interpret, clarify and confirm work requirements</p> <p>1.3. Coordinate and communicate with other personnel using approved communication methods</p> <p>1.4. Select and wear personal protective equipment appropriate for work activities</p> <p>1.5. Perform equipment pre-start checks</p> <p>1.6. Identify, address and report potential hazards, risks and environmental issues, and implement control measures</p> <p>1.7. Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p>
<p>2. Start-up equipment in sequence</p>	<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>
<p>3. Operate and monitor equipment</p>	<p>3.1. Read and interpret and apply data from equipment indicators to determine aeration efficiency</p> <p>3.2. Continuously inspect and monitor operations/plant and catchment areas to identify process defects and potential problems</p> <p>3.3. Adjust equipment to approved operating parameters to optimise and maintain efficient aeration to meet product quality targets</p> <p>3.4. Determine the effects adjustments have on upstream or downstream outputs and communicate to others</p> <p>3.5. Pass on end of shift information verbally or in writing to oncoming shift</p>
<p>4. Shutdown in sequence and/or isolate equipment</p>	<p>4.1. Shutdown or isolate equipment based on process and safety requirements</p> <p>4.2. Perform post shutdown or isolation checks</p> <p>4.3. Return equipment to service</p>
<p>5. Conduct housekeeping activities</p>	<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>

	5.4. Process records
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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

RIIPBE201A Conduct aeration process

Links

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