



Australian Government

RIPBE306D Conduct leaching process

Release: 2

RIIPBE306D Conduct leaching process

Modification History

Release	Comment
1	This unit replaces RIIPBE306A Conduct leaching process
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 leaching 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

1. Plan and prepare for leaching process	<p>1.1. Access, interpret and apply leaching process documentation and ensure the work activity is compliant</p> <p>1.2. Obtain, read, interpret, clarify and confirm work requirements</p> <p>1.3. 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. Select appropriate type of auxiliary equipment for work activities</p> <p>1.6. Perform equipment pre-start checks</p> <p>1.7. Identify and address potential risks, hazards and</p>
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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</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, interpret and apply data from equipment indicators to determine leaching efficiency</p> <p>3.2. Continuously inspect and monitor operations/plant and containment areas</p> <p>3.3. Adjust equipment to optimise leaching</p> <p>3.4. Add reagents to achieve operating parameters</p> <p>3.5. Adjust flows to meet downstream requirements</p> <p>3.6. Carry out operator level maintenance to maintain condition of equipment</p> <p>3.7. Complete all required documentation concisely and on time</p> <p>3.8. Pass on end of shift information to oncoming shift</p>
4. Shutdown in sequence and/or isolate equipment	<p>4.1. Shutdown and/or isolate equipment based on process and safety requirements</p> <p>4.2. Perform post shutdown and/or isolation checks</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. 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

RIIPBE306A Conduct leaching process

Links

Companion Volume implementation guides are found in VETNet -

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