



Australian Government

RIPBE303D Conduct filtering process

Release: 3

RIIPBE303D Conduct filtering process

Modification History

Release	Comment
1	This unit replaces RIIPBE303B Conduct filtering process.
2	Amended Performance Evidence.
3	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 filtering process in Coal and 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

Coal mining

Metalliferous mining

Elements and Performance Criteria

1. Plan and prepare for filtering process	<p>1.1 Access, interpret and apply filtering 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 Coordinate and communicate with other personnel using approved communication method</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 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 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 configuration 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</p> <p>3.2 Continuously inspect plant and identify defects and potential problems</p> <p>3.3 Adjust equipment to approved operating parameters</p> <p>3.4 Control feed to equipment</p> <p>3.5 Monitor moisture in cake and density of filtrate</p> <p>3.6 Monitor reagent addition for cleaning</p> <p>3.7 Monitor and maintain air systems</p> <p>3.8 Maintain cleanliness of filtration systems</p> <p>3.9 Complete all required written documentation clearly, concisely and on time</p> <p>3.10 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 Clear build-up from filtering circuit before commencing shutdown</p> <p>4.2 Shutdown or isolate equipment based on process and safety requirements</p> <p>4.3 Perform post-shutdown or isolation checks</p> <p>4.4 Return 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 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

RIIPBE303B Conduct filtering process

Links

Companion Volume implementation guides are found in VETNet -

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