



Australian Government

RIIPBE305D Conduct high tension separation

Release: 2

RIIPBE305D Conduct high tension separation

Modification History

Release	Comment
1	This unit replaces RIIPBE305A Conduct high tension separation
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 high tension separation 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 high tension separation	1.1. Access, interpret and apply high tension separation documentation and ensure the work activity is compliant 1.2. Obtain, read, interpret and clarify and confirm work requirements 1.3. Communicate with other personnel using approved communication methods 1.4. Select and wear personal protective equipment appropriate for work activities 1.5. Select appropriate type of auxiliary equipment for work activities 1.6. Perform equipment pre-start checks to ensure equipment is ready for operation
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	1.7. Identify and address potential risks, hazards and environmental issues, and implement control measures 1.8. Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency 1.9. Use approved dust suppression and extraction methods 1.10. Ensure area is well ventilated before entry into work area
2. Start-up equipment in sequence	2.1. Carry out start-up procedures and complete start-up checks according to plant configurations and system requirements 2.2. Confirm plant is operational
3. Operate and monitor equipment	3.1. Read and interpret data from equipment indicators to determine separation efficiency 3.2. Continuously inspect and monitor plant and identify defects and potential problems 3.3. Assess mineral content of ore according to separation parameters 3.4. Make appropriate adjustments to separation process to optimise targets 3.5. Adjust equipment to approved parameters to optimise separation performance, maintain efficient separation and to meet product quality targets 3.6. Control feed to separation equipment 3.7. Carry out minor maintenance to maintain condition of equipment 3.8. Complete all required written documentation clearly, concisely, and on time 3.9. Pass on end of shift information verbally or in writing to oncoming shift
4. Shutdown in sequence and/or isolate equipment	4.1. Shutdown or isolate equipment based on process and safety requirements 4.2. Perform post shutdown or isolation checks 4.3. Return equipment to service
5. Conduct housekeeping activities	5.1. Clear work area and dispose of or recycle materials 5.2. Clean and maintain condition of equipment, ensure suitability for use, and address/report issues 5.3. 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

RIIPBE305A Conduct high tension separation

Links

Companion Volume implementation guides are found in VETNet -

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