



Australian Government

RIIMCU402D Apply spontaneous combustion management measures

Release: 3

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Modification History

Release	Comment
1	This unit replaces RIIMCU402A Apply spontaneous combustion management measures
2	Plan and Prepare element added to Performance Criteria; Inserted Modification History
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 apply spontaneous combustion management measures in Coal mining.

This unit is appropriate for those working in supervisory or technical specialist 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

Elements and Performance Criteria

1. Plan and prepare to apply spontaneous combustion management measures	1.1 Access, interpret and apply spontaneous combustion management measures, and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and address potential risks, hazards and environmental issues and implement control measures 1.4 Select and wear appropriate personal protective equipment and protective clothing 1.5 Access, read, interpret and apply mine environmental,
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	geological and survey data required to complete the allocated work 1.6 Obtain and interpret emergency procedures and be prepared for fire/accident/emergency
2. Identify and recognise hazards	2.1 Identify the fundamentals of spontaneous combustion 2.2 identify hazards related to mine gases and variations in barometric pressure 2.3 Identify the effects of mine ventilation structures and the potential to bring about spontaneous combustion 2.4 Identify and clarify physical spontaneous combustion indicators relevant to the work area 2.5 Identify and clarify gaseous spontaneous combustion indicators relevant to the work area. 2.6 Identify the range of causes of spontaneous combustion hazards related to the underground coal stowage and conveyor systems
3. Identify and clarify operational requirements and control measures	3.1 Identify methods and purposes of the mine atmosphere monitoring systems 3.2 Identify the methods and purposes of control measures for the elimination or minimisation of spontaneous combustion risks
4. Implement and contribute to spontaneous combustion management measures	4.1 Monitor and report on the spontaneous combustion status of the local work area 4.2 Minimise hazards associated with the stowage of coal through: inspections and monitoring; maintenance of high standards of housekeeping; timely reporting of situations requiring further actions 4.3 Identify and report errors or omissions in spontaneous combustion procedures

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

No equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

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