



Australian Government

RIIMCU501D Implement the spontaneous combustion management plan

Release: 2

RIIMCU501D Implement the spontaneous combustion management plan

Modification History

Release	Comment
1	This unit replaces RIIMCU501A Implement the spontaneous combustion management plan
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 implement the spontaneous combustion management plan in Coal mining

This unit is appropriate for those working in supervisory 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 (Underground)

Elements and Performance Criteria

1. Identify and apply resources to the spontaneous combustion management plan	1.1 Access, interpret and apply the spontaneous combustion management plan documentation, and ensure the work activity is compliant 1.2 Identify and address potential risks, hazards and environmental issues and implement control measures 1.3 Identify and implement appropriate response procedures in situations where trigger levels are reached 1.4 Review spontaneous combustion procedures, implement identified improvements 1.5 Implement identified spontaneous combustion management
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	plan training requirements
2. Implement mine atmosphere monitoring measures	2.1 Implement procedures for installation, operation and maintenance of monitoring systems 2.2 Implement systems and procedures for the collection of mine gas samples
3. Monitor and respond to spontaneous combustion indicators	3.1 Implement the system for identification of and inspections for spontaneous combustion indicators 3.2 Monitor sensory spontaneous combustion indicators, analyse and investigate variations, and implement appropriate corrective action 3.3 Monitor gaseous spontaneous combustion indicators, analyse and investigate variations, and implement appropriate corrective action 3.4 Process records and reports in accordance with the plan 3.5 Implement emergency and evacuation procedures in accordance with the safety management system
4. Implement spontaneous combustion control measures	4.1 Implement ventilation control measures in accordance with the spontaneous combustion management plan 4.2 Implement ventilation monitoring systems and surveys to assess the status of the systems 4.3 Incorporate into the development of the system water management measures to minimise the risk of spontaneous combustion 4.4 Implement inertisation as required and in accordance with the established plan 4.5 Implement response actions and review effectiveness and currency 4.6 Implement systems to prevent and/or respond immediately to the intersection of current and other working
5. Audit spontaneous combustion control measures	5.1 Audit the effectiveness of control measures and amend the procedures/measures as required

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

RIIMCU501A Implement the spontaneous combustion management plan

Links

Companion Volume implementation guides are found in VETNet -

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