RIIRAI510D Implement, monitor, rectify and report on interfaces between electrical and mechanical componentry

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIIRAI510A Implement, monitor, rectify and report on interfaces between electrical and mechanical componentry
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, monitor, rectify and report on interfaces between electrical and mechanical componentry in Coal mining.

This unit is appropriate for those working in management or technical specialist roles

No licensing, legislative or certification requirements apply to this unit at the time of publication

Unit Sector

Coal mining

Elements and Performance Criteria

1. Plan and prepare requirements of electrical and mechanical interface	1.1 Access, interpret and apply electrical and mechanical componentry interface documentation 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 personal protective equipment appropriate for work activities
	1.5 Examine components defect reports
	1.6 Inspect components according to site, legislative and

	manufacturer procedures
	1.7 Prepare reports detailing the equipment modifications requirements
2. Plan rectification work on electrical and mechanical interface componentry	2.1 Communicate and coordinate activities with others throughout the work activity
	2.2 Use available information from maintenance and test results to ensure accurate problem identification
	2.3 Identify componentry faults and causes
	2.4 Report fault rectification requirements
	2.5 Obtain specialist advice/assistance where required
	2.6 Isolate/tag componentry for rectification work
3. Rectify electrical and mechanical interface componentry	3.1 Dismantle componentry parts
	3.2 Assess componentry parts for serviceability
	3.3 Undertake modifications
	3.4 Replace componentry parts
	3.5 Test componentry for safe working with proscribed specifications
	3.6 Record in writing repaired/modified componentry details
	3.7 Notify appropriate personnel of repairs/modifications

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

RIIRAI510A Implement, monitor, rectify and report on interfaces between electrical and mechanical componentry

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272

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