



Australian Government

RIISAM301E Test operational functions of vehicles and equipment

Release: 1

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Modification History

Release	Comment
1	This unit replaces RIISAM301D Test operational functions of vehicles and equipment. Extractive added to the unit sector. Added mapping table.

Application

This unit describes a participant's skills and knowledge required to test operational functions of vehicles and equipment in the coal mining, extractive and metalliferous mining sectors.

This unit is appropriate for those working in operational roles.

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

Unit Sector

Coal mining

Extractive

Metalliferous mining

Elements and Performance Criteria

1. Plan and prepare for testing vehicles and equipment	1.1 Access, interpret and apply service and maintenance 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 appropriate personal protective equipment for the work activity 1.5 Access, interpret and apply required geological and survey data 1.6 Identify and confirm testing requirements 1.7 Identify and obtain required resources 1.8 Prepare vehicle to be worked on for the test
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	1.9 Coordinate activities with others prior to commencement of, and during, the work activity 1.10 Obtain and interpret emergency procedures and be prepared for fire/accident/emergency
2. Test vehicles and equipment	2.1 Carry out pre-start, start-up, shut-down and isolation procedures 2.2 Test operational functions of the vehicle 2.3 Move/relocate vehicle for testing purposes 2.4 Identify and rectify faults and arrange for corrective action 2.5 Act on and report monitoring systems warnings and alarms 2.6 Recognise and respond to hazardous and emergency situations
3. Complete the testing sequence	3.1 Clean, maintain and store equipment and tools 3.2 Restore worksite 3.3 Complete records and documents

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

Code and title current version	Code and title previous version	Comments	Equivalence status
RIISAM301E Test operational functions of vehicles and equipment	RIISAM301D Test operational functions of vehicles and equipment	Extractive added to the unit sector. Added mapping table.	Equivalent

Links

Companion Volume implementation guides are found in VETNet -

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