



**Australian Government**

# **RIISAM301F Test operational functions of vehicles and equipment**

**Release: 1**

# RIISAM301F Test operational functions of vehicles and equipment

## Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0.

## Application

This unit describes the skills and knowledge required to test operational functions of vehicles and equipment in the resources and infrastructure industries.

It applies to those working in supervisory and technical specialist roles. They generally work under minimal supervision to undertake a broad range of skilled applications in varied work contexts, using some discretion and judgement in selecting equipment, services or contingency measures.

Licensing, legislative and certification requirements may apply to this unit and can vary between states, territories and industry sectors. Users must check requirements with relevant body before applying the unit.

## Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and prepare for testing vehicles and equipment	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply documentation required to test the operational functions of vehicles and equipment 1.3 Identify and address potential risks, hazards and environmental issues, and implement control measures according to workplace procedures 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 and required resources according to the job requirements 1.7 Prepare the vehicles and equipment that will be tested according to workplace procedures

ELEMENT	PERFORMANCE CRITERIA
	1.8 Coordinate activities with relevant personnel 1.9 Obtain and interpret emergency procedures, and be prepared for emergency situations
2. Test vehicles and equipment	2.1 Carry out prestart, start-up, shut-down and isolation procedures according to manufacturer specifications 2.2 Test the operational functions of the vehicles and equipment 2.3 Move and relocate the vehicle for testing purposes 2.4 Act on and report monitoring systems warnings and alarms 2.5 Identify and respond to hazardous and emergency situations according to workplace procedures
3. Complete the testing sequence	3.1 Restore the vehicles and equipment to the worksite 3.2 Clean and maintain the plant and equipment, inspect to ensure serviceability and rectify or report any faults or issues to relevant personnel 3.3 Process written maintenance records according to workplace procedures

## Foundation Skills

*This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.*

SKILL	DESCRIPTION
Reading	<ul style="list-style-type: none"> <li>Identifies and interprets information from workplace procedures, documentation and regulations</li> </ul>
Self-management	<ul style="list-style-type: none"> <li>Monitors and minimises own exposure to worksite risks and hazards during activities</li> </ul>

## Unit Mapping Information

Supersedes and is equivalent to RIISAM301E Test operational functions of vehicles and equipment.

## Links

Companion Volume implementation guides is found on VETNet -

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