



**Australian Government**

# **RIISAM204E Operate small plant and equipment**

**Release: 1**

## RIISAM204E Operate small plant 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 operate small plant and equipment in the resources and infrastructure industries.

It applies to those working in operational roles. They generally work under supervision to undertake a prescribed range of functions involving known routines and procedures and take responsibility for the quality of own work outcomes.

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. Prepare for operating small plant and equipment	1.1 Obtain, interpret, and confirm work requirements 1.2 Access, interpret and apply documentation and procedures 1.3 Identify and address potential risks, hazards and environmental issues, and implement control measures according to workplace procedures 1.4 Select and wear personal protective equipment required for work activities 1.5 Select and check for faults in plant, tools and equipment, and confirm they are appropriate for the work activity 1.6 Obtain and interpret emergency procedures and be prepared for emergency situations

<b>ELEMENT</b>	<b>PERFORMANCE CRITERIA</b>
2. Conduct pre-operational checks	2.1 Select and use fuel and lubricants according to workplace procedures 2.2 Check and adjust fuel, oil, hydraulic fluid and water levels 2.3 Inspect, secure and maintain bolts, nuts, guards and attachment couplings 2.4 Check and adjust the function of controls and gauges 2.5 Conduct start up and shut down procedures according to workplace procedures
3. Use small plant and equipment	3.1 Identify hazards during work and establish appropriate risk management controls 3.2 Identify and apply operating techniques to achieve optimum output while maintaining specified tolerances 3.3 Operate plant and equipment to produce results within specified workplace tolerances 3.4 Store plant and equipment safely when not in immediate use
4. Carry out operator maintenance	4.1 Prepare machine for maintenance 4.2 Conduct inspection and check plant and equipment for serviceability, identify, and rectify and report any faults 4.3 Carry out scheduled maintenance tasks
5. Conduct housekeeping activities	5.1 Clear work area and dispose of materials 5.2 Clean and maintain condition of equipment, ensure suitability for use, and address and report issues 5.3 Complete written records and reports

## Foundation Skills

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

<b>SKILL</b>	<b>DESCRIPTION</b>
Writing	<ul style="list-style-type: none"> <li>• Produces and completes written documents required for workplace procedures</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>• Calculates resource requirements, including use of basic addition, subtraction, multiplication and division</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 RIISAM204D Operate small plant and equipment.

## Links

Companion Volume implementation guides is found on VETNet -

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