



Australian Government

RIIARO202 Use data and technology to complete work in autonomous operations

Release: 1

RIIARO202 Use data and technology to complete work in autonomous operations

Modification History

Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 9.0. Newly created unit.
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Application

This unit describes the skills and knowledge required to use data and technology to complete work in an autonomous operation, including to interact with machine guidance and hardware system technologies to safely carry out work activities

The unit applies to those who use data and technology to ensure autonomous equipment and plant function safely, efficiently and effectively.

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

Unit Sector

Coal mining

Metalliferous mining

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element
1. Work with machine guidance technologies	1.1 Identify machine guidance technology and devices required by own work instructions 1.2 Identify interference/limitations of the machine guidance technology used 1.3 Source data from machine guidance technology and devices to inform decisions 1.4 Complete work task as per information from control centre and the work instructions provided
2. Work with hardware system technologies	2.1 Identify correct technology, device(s), and tool(s) to carry out work as per work instructions

ELEMENT	PERFORMANCE CRITERIA
	<p>2.2 Confirm limitations of selected technology, device(s), and tool(s) with team members</p> <p>2.3 Complete work task as per information from control centre and work instructions provided</p>
3. Use data to inform control of automated equipment or system	<p>3.1 Navigate technology to locate or transmit required data</p> <p>3.2 Apply data security measures by following organisational procedures</p> <p>3.3 Communicate data to control centre following organisational procedures and communication protocols</p>
4. Identify levels of automation	<p>4.1 Monitor various modes of operation when automated equipment is operating in the work environment</p> <p>4.2 Identify and report on why autonomous equipment is operating in different operational states</p> <p>4.3 React as required to signals and/or alarms associated with autonomous equipment and operational control systems in accordance with organisational and operational procedures</p>

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
Numeracy	<ul style="list-style-type: none"> Use the magnitude of numbers and scale of measurements to aid in the use and communication of data

Unit Mapping Information

No equivalent unit. Newly created unit.

Links

Companion Volume Implementation Guide is found on VETNet -

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