



**Australian Government**

# **RIIMPO503D Manage laser levelling of operating plant**

**Release: 3**

## RIIMPO503D Manage laser levelling of operating plant

### Modification History

Release	Comment
1	This unit replaces RIIMPO503A Manage laser levelling of operating plant.
2	Amend reference to Licensing requirements in Unit Application; Editorial corrections.
3	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 manage laser levelling of operating plant in Civil construction, Coal and Metalliferous mining and Extractive.

This unit is appropriate for those working in management roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and Industry sectors. Relevant information must be sourced prior to application of the unit.

### Unit Sector

Civil construction

Coal mining

Extractive

Metalliferous mining

### Elements and Performance Criteria

1. Plan for managing laser levelling	<p>1.1 Access, interpret and apply laser levelling documentation and ensure the work activity is compliant</p> <p>1.2 Interpret design and identify laser levelling to be implemented</p> <p>1.3 Check design for internal inconsistencies</p> <p>1.4 Identify and contact stakeholders according to organisation guidelines</p>
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	<p>1.5 Identify and obtain project resources to meet requirements</p> <p>1.6 Assess hazards and determine plan to safely manage identified risks</p> <p>1.7 Identify and plan for contingency requirements</p>
2. Implement laser levelling	<p>2.1 Accurately identify alignments, heights or grades to be transferred/established</p> <p>2.2 Set up equipment to enable laser alignment signals</p> <p>2.3 Document operational procedures for the effective utilisation of laser alignment signals within the mine plan</p> <p>2.4 Document regulation reporting and site requirements to be followed during operations</p> <p>2.5 Document emergency procedures</p> <p>2.6 Identify and contact stakeholders</p> <p>2.7 Manage project resources</p>
3. Monitor laser levelling	<p>3.1 Monitor effectiveness of policies, plans, procedures and workplace practices of laser levelling against objectives, timelines, key performance indicators and regulations</p> <p>3.2 Arrange validation of laser levelling techniques ensuring correct identification of spatial components</p> <p>3.3 Compare measurements against specification and against project requirements</p> <p>3.4 Identify possible inconsistencies or improvements in levelling program</p> <p>3.5 Monitor the impact of contingencies</p> <p>3.6 Monitor effectiveness of resource use</p>

## 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

RIIMPO503A Manage laser levelling of operating plant

## **Links**

Companion Volume implementation guides are found in VETNet -

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