



**Australian Government**

# **RIIMPO307E Conduct wheel grader operations in underground mines**

**Release: 1**

# RIIMPO307E Conduct wheel grader operations in underground mines

## Modification History

| Release   | Comments                                                                                                 |
|-----------|----------------------------------------------------------------------------------------------------------|
| Release 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. |

## Application

This unit develops the skills and knowledge required to conduct wheel grader operations in an underground mining environment

This unit applies to those working in site -based roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and industry sectors, and must be sourced from state jurisdictions prior to applying this unit.

## Unit Sector

Coal mining

Metalliferous mining

## 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 underground wheel grader operations | 1.1 Access, interpret and apply underground wheel grader operations documentation<br>1.2 Obtain, interpret, clarify and confirm work requirements<br>1.3 Identify hazards and environmental issues, assess the risks and implement control measures in line with workplace policies<br>1.4 Select and wear personal protective equipment required for work activities<br>1.5 Access, interpret and apply geological and survey data required to |

| ELEMENT                                                                                             | PERFORMANCE CRITERIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i>                                                    | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                                                                     | <p>complete the work activity</p> <p>1.6 Inspect and prepare work area in coordination with others to meet workplace requirements</p> <p>1.7 Select required underground wheel grader equipment and/or attachments for work activities</p> <p>1.8 Obtain and interpret emergency procedures for underground wheel graders, and be prepared for fires, accidents and emergencies</p> <p>1.9 Coordinate and communicate planned activities with others at the site prior to commencement of work activity</p>                                                                                                                                                                                                            |
| 2. Operate wheel grader underground in line with established requirements to complete work activity | <p>2.1 Carry out prestart and start-up checks in line with workplace procedures</p> <p>2.2 Identify faults or defects and rectify or report within scope of own responsibility and according to workplace procedures</p> <p>2.3 Drive and operate grader using techniques suited to equipment capabilities, site and work conditions, and according to workplace procedures</p> <p>2.4 Monitor and manage equipment performance using indicators and alarms</p> <p>2.5 Monitor hazards and risks during operations, and ensure safety of self, other personnel, plant and equipment</p> <p>2.6 Park up, shut down, secure and carry out post operational inspection of equipment in line with workplace procedures</p> |
| 3. Conduct housekeeping activities                                                                  | <p>3.1 Clear work area and dispose or recycle materials according to workplace procedures</p> <p>3.2 Manage and/or report hazards, and maintain a safe working environment</p> <p>3.3 Complete and file or distribute documentation in a manner that complies with workplace practices</p>                                                                                                                                                                                                                                                                                                                                                                                                                             |

## Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

| Skill    | Description                                                                                                                                                 |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reading  | <ul style="list-style-type: none"><li>Identifies and interprets information from workplace procedures, documentation, legislation and regulations</li></ul> |
| Numeracy | <ul style="list-style-type: none"><li>Uses equipment operating capacity schedule to confirm safe weight load limits</li></ul>                               |

## Unit Mapping Information

| Code and title current version                                                 | Code and title previous version                                                | Comments                                                            | Equivalence status |
|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------|--------------------|
| RIIMPO307E<br>Conduct wheel grader operations in underground mines (Release 1) | RIIMPO307D<br>Conduct wheel grader operations in underground mines (Release 4) | Minor updates to reflect changes to operator maintenance activities | Equivalent unit    |

## Links

Companion Volume implementation guides are found in VETNet -

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