



Australian Government

RIIVEH307D Operate heavy rigid vehicle

Release: 2

RIIVEH307D Operate heavy rigid vehicle

Modification History

Release	Comment
1	This unit replaces RIIVEH307A Operate heavy rigid vehicle
2	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 Operate heavy rigid vehicle in the Resources and Infrastructure Industries.

This unit is appropriate for those working in supervisory and technical specialist 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.

Elements and Performance Criteria

1. Plan and prepare for heavy rigid vehicle operations	1.1 Access, interpret and apply vehicle haulage documentation and ensure the work activity is compliant 1.2 Access, read, interpret and apply geological and survey data required to complete the allocated work in accordance with site procedures 1.3 Obtain, interpret and clarify/confirm work requirements, before proceeding 1.4 Prepare vehicle written records and carry out log-on procedures
2. Operate heavy rigid vehicle	2.1 Resolve coordination activities with others prior to commencement of, and during, the work activity 2.2 Carry out pre-start, start-up, park-up and shutdown procedures 2.3 Operate ancillary attachments to the heavy rigid vehicle 2.4 Operate heavy rigid vehicle with and without ancillary attachments

	2.5 Manage engine power, ensure efficiency of vehicle movement, minimise strain to the engine and drive line 2.6 Recognise and respond to hazardous and emergency situations 2.7 Complete work activity within the operating capacity of the heavy rigid vehicle
3. Carry out operator maintenance	3.1 Carry out visual and physical equipment inspections and fault finding 3.2 Carry out schedule of routine operational servicing, lubrication and housekeeping tasks 3.3 Carry out schedule of minor maintenance 3.4 Provide operator support during preparation for, and conduct of, major maintenance tasks 3.5 Process written records and reports

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

RIIVEH307A Operate heavy rigid vehicle

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>

Assessment Requirements for RIIVEH307D Operate heavy rigid vehicle

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Performance Evidence

Evidence is required to be collected that demonstrates a candidate's competency in this unit. Evidence must be relevant to the roles within this sector's work operations and satisfy all of the requirements of the performance criteria of this unit and include evidence that the candidate:

- locate and apply relevant documentation, policies and procedures
- works effectively with others to undertake and complete effective operation of heavy rigid vehicle to meet all required outcomes including:
 - preparing for and organising work activities to meet all task requirements
 - communicating clearly and concisely with others to receive and clarify work instructions
 - using a range of communication techniques and aids to advise others of work activity and exclusion zone
- demonstrates completion of the operation and maintenance of a heavy rigid vehicle that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - organising work activities to comply with site standards
 - carry out log-on, pre-start, start-up, park-up and shutdown procedures
 - operate, steer, manoeuvre and position heavy rigid vehicle, attachments and ancillary equipment
 - carry out inspections and identify faults
 - conduct operational maintenance including servicing, lubrication and cleaning
 - process written records and reports

Knowledge Evidence

The candidate must demonstrate knowledge of operating a heavy rigid vehicle through:

- problem solving skills to haulage operations issues
- equipment relative to working environment
- recording, reporting and handover procedures
- start up and shutdown procedures
- technical information, including manufacturer's manuals related to heavy combination vehicles/trailers, and their operations
- operating vehicles within specifications and limitations
- faults in vehicles and ancillary equipment

Assessment Conditions

- An assessor of this unit must satisfy the requirements of the NVR/AQTF or their successors; and Industry regulations for certification and licensing; and,
- this unit must be assessed in the context of this sector's work environment; and,
- this unit must be assessed in compliance with relevant legislation/regulation and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed; and,
- assessment may be conducted in conjunction with the assessment of other Units of Competency; and,
- assessment must confirm consistent performance can be applied in a range of relevant workplace circumstances; and,
- assessors must demonstrate the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through the minimum years of current* work experience specified below in an Industry sector relevant to the outcomes of the unit; or,
- where the assessor does not meet experience requirements a co-assessment or partnership arrangement must exist between the qualified assessor and an Industry subject matter expert. The Industry subject matter expert should hold the unit being assessed (or an equivalent unit) and/or demonstrate equivalence of skills and knowledge at the unit level. An Industry technical expert must also demonstrate skills and knowledge from the minimum years of current work experience specified below in the Industry sector, including time spent in roles related to the unit being assessed; and,
- assessor and Industry subject matter expert requirements differ depending on the Australian Qualifications Framework Level (AQF) of the qualification being assessed and/or Industry Sector as follows:

Industry sector	AQF** Level	Required assessor or Industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Construction	1	1 Year
	2	2 Years

Drilling, Coal Mining and Extractive (Quarrying)	3-6	3 Years
Metalliferous Mining and Civil Construction	3-6	5 Years
Other sectors	Where this Unit is being assessed outside of the Resources and Infrastructure Sectors assessor and/or Industry subject matter expert experience should be in-line with industry standards for the sector in which it is being assessed and where no Industry standard is specified should comply with any relevant regulation.	

*Assessors can demonstrate current work experience through employment within Industry in a role relevant to the outcomes of the Unit; or, for external assessors this can be demonstrated through exposure to Industry by conducting frequent site assessments across various locations.

**Where a unit is being delivered outside of a Qualification the first numeric character in the Unit code should be considered to indicate the AQF level

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