



Australian Government

AUMGLM001 Apply heavy vehicle standards

Release: 1

AUMGLM001 Apply heavy vehicle standards

Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMGLM3001 Comply with heavy vehicle modification standards

Application

This unit describes the performance outcomes required to locate, interpret and apply Australian Design Rules (ADR), original equipment manufacturer (OEM) requirements, Heavy Vehicle National Law (HVNL) regulations, and Vehicle Standards Bulletin 6 (VSB6) National Code of Practice – Heavy Vehicle Modifications.

It applies to those working in the commercial vehicle industry, and involves the application of skills and knowledge at a specialist level.

Licensing, legislative, regulatory or certification requirements may apply to this unit in some jurisdictions. Users are advised to check with the relevant regulatory authority.

Competency Field

Manufacturing - Bus, Truck and Trailer

Unit Sector

Regulatory or Legal - Manufacture

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions section
1. Review standards	1.1 <i>Heavy vehicle modification standards</i> are identified 1.2 ADR, OEM requirements, HVNL regulations, and VSB6 specifications for heavy vehicles are interpreted and applied
2. Check that vehicle complies with standards	2.1 Workplace manufacturing or modification drawings are checked against VSB6 requirements for compliance

Elements	Performance Criteria
	2.2 Standards are checked against OEM specifications 2.3 Work health and safety (WHS) requirements and <i>workplace procedures</i> are identified and followed
3. Complete documentation	3.1 Non-compliance of standards is reported to appropriate personnel for rectification according to workplace procedures 3.2 Workplace documentation is completed according to workplace procedures

Foundation Skills

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

Skills	Description
Reading skills to:	- identify requirements of standards - interpret engineering drawings and working drawings - interpret workplace procedures - interpret OEM specifications.
Writing skills to:	complete workplace documentation.
Oral communication skills to:	report non-compliance to relevant personnel.
Numeracy skills to:	compare measurements and identify non-conformance.

Range of Conditions

This section specifies work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Bold italicised wording, if used in the performance criteria, is detailed below.

<i>Heavy vehicle modification standards</i> must include:	- ADR relevant to heavy vehicle modifications - HVNL regulations - OEM guides and manuals - VS6 National Code of Practice – Heavy Vehicle Modifications.
<i>Workplace procedures</i> must include:	- code of practice - VS6

	• OEM specifications • WHS requirements • workplace quality.
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Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=bd587669-08b3-4cd5-85f0-f9fa0c6304c1>

Assessment Requirements for AUMGLM001 Apply heavy vehicle standards

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Performance Evidence

Before competency can be determined, individuals must have competently confirmed the compliance of heavy vehicles with Australian Design Rules (ADR) and Vehicle Standards Bulletin 6 (VSB6) National Code of Practice – Heavy Vehicle Modifications on a minimum of two occasions.

Individuals must demonstrate they can:

- identify and apply VSB6 standards
- check working drawings against standards' specifications
- follow original equipment manufacturer (OEM) requirements
- follow workplace procedures relating to applying heavy vehicle standards
- comply with work health and safety (WHS) requirements when checking heavy vehicles for compliance
- complete workplace documentation and report non-conformances.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- workplace procedures for applying heavy vehicle standards, including:
 - WHS procedures
 - procedures for recording and reporting non-compliance of standards
- OEM requirements
- VSB6 National Code of Practice
- ADR relevant to VSB6
- Heavy Vehicle National Law (HVNL) regulations
- methods of determining compliance of working drawings against standards.

Assessment Conditions

Assessors must satisfy SNR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the vehicles on which they have worked, e.g. repair orders.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- automotive manufacturing workplace or simulated workplace
- two different heavy vehicles
- heavy vehicle engineering and working drawings
- VSB6 National Code of Practice
- ADR relevant to VSB6
- HVNL regulations
- OEM manuals and guides
- tools and equipment for checking heavy vehicles against standards
- workplace documentation relevant to applying heavy vehicle standards to heavy vehicles and recording results.

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