



Australian Government

Department of Education, Employment and Workplace Relations

FNSIGN405A Inspect vehicle systems and components and determine preferred repair action

Release: 1

FNSIGN405A Inspect vehicle systems and components and determine preferred repair action

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit describes the performance outcomes, skills and knowledge required to carry out an inspection of vehicle systems/components and decide on the preferred repair/replacement methods. This unit may apply to job roles subject to licensing, legislative, regulatory or certification requirements so Commonwealth, State or Territory requirements should be confirmed with the relevant body.
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Application of the Unit

Application of the unit	This unit has application to job functions such as an insurance assessor and may be applied within organisations of various sizes and across a range of customer bases.
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Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Inspect vehicle systems/components to determine faults	1.1.Information required for investigation of the fault is accessed from appropriate <i>sources</i> 1.2.Vehicle components are isolated/dismantled safely to permit an accurate inspection for faults 1.3.Existence of fault is determined, where possible 1.4. <i>Specialist service</i> provider is engaged where necessary 1.5.All inspections are carried out according to <i>industry regulations/guidelines</i>
2. Determine preferred repair action	2.1.Repair action is determined from extent and type of fault 2.2.Report of findings is completed in the organisation approved format with recommendations for action

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

NOTE: Appropriate underpinning knowledge and skill for this unit would be provided by a trade background in an area such as motor mechanics, panel beating, or vehicle painting

- communication skills to:
 - determine and confirm information, using questioning and active listening as required
 - liaise with others, share information, listen and understand
 - use language and concepts appropriate to cultural differences
- numeracy and IT skills to:
 - perform calculations related to achieving required outcomes
 - check accuracy of claims data and interpret technical information
 - apply technology through the use of computers and telecommunication devices
 - use computer applications (word processing, spreadsheet, database, specific purpose computer systems) to assist in achieving required outcomes
 - access and update records electronically
 - access web-based information services
- literacy skills to read and interpret forms relating to insurance claims and technical and other related documents
- research and analysis skills for accessing and interpreting relevant information
- effective interpersonal skills
- organisational skills, including the ability to plan and sequence work

Required knowledge

- equipment safety requirements
- manufacturer and organisation procedures
- occupational health and safety (OHS) regulations
- technical knowledge (appropriate technical background would be provided by a trade qualification such as motor mechanic, panel beating, spray painting)
- testing procedures
- vehicle safety requirements

Evidence Guide

EVIDENCE GUIDE	
The Evidence Guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.	
Overview of assessment	
Critical aspects for assessment and evidence required to demonstrate competency in this unit	Evidence of the ability to: • interpret and comply with relevant legislation and regulation and industry codes of practice • inspect vehicle/systems components in a safe and effective manner to determine faults • determine preferred repair action.
Context of and specific resources for assessment	Assessment must ensure: • competency is demonstrated in the context of the work environment and conditions specified in the range statement either in a relevant workplace or a closely simulated work environment • access to and the use of a range of common office equipment, technology, software and consumables • access to organisation records • access to organisational policies and procedures.
Method of assessment	A range of assessment methods should be used to assess practical skills and knowledge. The following examples, in combination, are appropriate for this unit: • evaluating an integrated activity, which combines the elements of competency for the unit, or a cluster of related units of competency • observing processes and procedures in workplaces • verbal or written questioning on underpinning knowledge and skills • evaluating samples of work • accessing and validating third party reports • setting and reviewing workplace projects and business simulations or scenarios.
Guidance information for assessment	

Range Statement

RANGE STATEMENT	
The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.	
Sources of information and documents may include:	• organisation operating procedures • industry regulations and codes of practice • product manufacturer specifications • vehicle manufacturer specifications.
Specialist services may include:	• brake • electrical/electronic • mechanical services • transmission.
Relevant industry regulations/ guidelines may include:	• codes of practice • organisation operating procedures • organisation procedures/policies • industry regulations • OHS legislation • statutory legislation.

Unit Sector(s)

Unit sector	Insurance general
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Competency field

Competency field	
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Co-requisite units

Co-requisite units		

