



**Australian Government**

**Assessment Requirements for AURHTF001  
Inspect heavy commercial vehicle fuel  
systems**

**Release: 1**

# Assessment Requirements for AURHTF001 Inspect heavy commercial vehicle fuel systems

## Modification History

Release	Comment
Release 1	New unit of competency.

## Performance Evidence

Before competency can be determined, individuals must demonstrate they can perform the following according to the standard defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- inspect one heavy commercial vehicle fuel system and components, including:
  - fuel tanks and fittings
  - fuel lines
  - fuel filters
  - fuel pumps
  - fuel injectors
  - water separators.

## Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to inspecting heavy commercial vehicle fuel systems, including procedures for working with:
  - high pressure diesel fuel systems
  - flammable fuels
  - running engines and exhaust gases
- identification, function and basic operation of heavy vehicle fuel systems and components, including:
  - fuel tanks and fittings
  - fuel lines
  - fuel filters

- fuel pumps
- fuel injectors
- water separators
- inspection procedures for heavy commercial vehicle fuel systems and components.

## **Assessment Conditions**

Assessors must satisfy NVR/AQTF assessor requirements.

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

Assessment must include direct observation of tasks.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the vehicle fuel systems and components that they have inspected, 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 workplace or simulated workplace
- task instructions
- manufacturer fuel system specifications
- one heavy commercial vehicle with fuel system and components
- tools, equipment and materials appropriate for inspecting heavy commercial vehicle fuel systems and components.

## **Links**

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>

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