



Australian Government

Assessment Requirements for SISODRV001 Drive AWD/4WD vehicles on unsealed roads

Release: 1

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Modification History

Not applicable.

Performance Evidence

Evidence of the ability to complete tasks outlined in elements and performance criteria of this unit in the context of the job role, and:

- complete three trips in all-wheel or four wheel drive vehicles on three different graded formed dirt roads
- during each trip consistently follow safety procedures and safely negotiate hazards and road conditions
- complete a minor water crossing on three occasions
- change a total of three wheels.

Knowledge Evidence

Demonstrated knowledge required to complete the tasks outlined in elements and performance criteria of this unit:

- organisational safety and emergency response procedures for driving activities
- difference between all-wheel and four wheel drive vehicles, at a basic level of understanding
- manufacturers' specifications for wheel replacement
- features, function and operation of AWD and 4WD vehicle equipment and controls used for dirt road driving and when negotiating minor water crossings:
 - instruments
 - traction devices
 - wheel hubs, self-locking and manual locking
- how tyre pressure can affect comfort and safety of dirt road driving and how to determine appropriate tyre pressure for a range of conditions and loads
- factors that affect a vehicle's traction on dirt roads
- techniques used to maintain traction including those for:
 - braking
 - acceleration
 - steering
- meaning of centre of gravity for a vehicle and factors that affect this when driving
- driving techniques used when negotiating minor water crossings
- features, functions and operation of equipment for:
 - checking oil and water
 - changing tyre pressure

- securing loads
- changing wheels
- typical hazards associated with driving on unsealed roads, and techniques used to safely negotiate these:
 - blind corners
 - one-lane bridges
 - slippery road surface
 - bumps
 - depressions
 - potholes
 - drainage grates
 - rail crossings
 - moving and parked vehicles
 - other users:
 - cyclists
 - pedestrians
 - runners
 - horse riders.

Assessment Conditions

Skills must be demonstrated on graded formed dirt roads and in environments which feature minor water crossings.

The following resources must be available to replicate industry conditions of operation:

- first aid equipment
- communication equipment for emergency response.

Assessment must ensure use of:

- all-wheel drive or four wheel drive vehicles
- wheel changing equipment including jacks
- spare fully functioning wheels and tyres
- organisational safety and emergency response procedures for driving activities.

Assessors must satisfy the Standards for Registered Training Organisations requirements for assessors, and:

- hold a driver's licence which complies with local state or territory law.

Links

Companion Volume Implementation Guides -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1ca50016-24d2-4161-a044-d3faa200268b>