

Title	Apply knowledge of recovery procedures to recover a heavy vehicle		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to develop a plan for the safe recovery of a heavy vehicle, and safely recover a heavy vehicle.
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Classification	Commercial Road Transport > Commercial Road Transport Skills
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Available grade	Achieved
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Prerequisites	Drivers must hold a current full driver licence appropriate to the class of vehicle being driven.
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Guidance Information

- 1 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the:
 - Health and Safety at Work 2015;
 - Land Transport Act 1998;
 - Land Transport (Driver Licensing) Rule 1999;
 - Land Transport (Road User) Rule 2004.

Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.

- 2 Definitions

Exclusion zone refers to the area that is considered unsafe due to risk of accident and injury. A zone must be twice the length of the recovery stop and no personnel or members of the public may enter the exclusion zone.

Heavy vehicle may include a vehicle that is of Class MD3, MD4, ME, NB, NC, TC or TD; or has a gross vehicle mass that exceeds 3500 kg and is not of a class specified in the Table of vehicle classes as listed from Waka Kotahi NZTA website <https://www.nzta.govt.nz/>.

Off-road refers to a surface other than a sealed or unsealed, formed road or track and includes but is not limited to bush tracks, beaches, riverbeds and open paddocks.

Workplace procedures refer to organisation policies and procedures that are documented in memo, electronic, or manual format and available in the workplace. Workplace procedures may include but are not limited to – standard operating procedures, site specific procedures, site safety procedures, equipment operating procedures, quality assurance procedures, product quality specifications, manufacturer’s requirements, references, approved codes of practice, housekeeping standards, environmental considerations, on-site briefings, supervisor’s instructions, and procedures to comply with legislative and local body requirements relevant to the commercial road transport sector.

3 Assessment information

Practical assessment of heavy vehicle recovery may take place in on-road or off-road environments.

This unit standard cannot be used towards, or in place of, a vehicle recovery (V) endorsement. Please refer to Unit 17580, *Describe driver requirements for vehicle recovery endorsement* and Unit 24089, *Demonstrate knowledge of fatigue management, work time, and driver logbook requirements*.

Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable service information, workplace procedures and legislative requirements.

Outcomes and performance criteria

Outcome 1

Develop a plan for the safe recovery of a heavy vehicle.

Performance criteria

1.1 Scope of vehicle recovery work and communication protocols are confirmed with relevant personnel.

Range may include but is not limited to – determine if spotter is required, hand signals.

1.2 Vehicle, load and location are assessed.

Range assessment includes but is not limited to – position and weight of vehicles, gradient, ground stability, environmental conditions, determine whether recovery is safe and appropriate, request additional support if required.

1.3 Hazards and risks are identified, and risks are mitigated.

Range hazards may include but are not limited to – instability, spillage, equipment failure, uncontrolled vehicle movements, unsafe recovery points, environmental factors;
risks may include – injury to personnel or public, damage to vehicle, damage to environment;
evidence for a minimum of three hazards is required and a minimum of two risks for each identified hazard.

1.4 Safe vehicle recovery method and recovery points are identified.

1.5 Recovery equipment is checked and confirmed to be certified and fit for purpose.

Range equipment may include but is not limited to – recovery strops, load rated shackles appropriate to the weight being recovered, anchorage, personal protection equipment, hazard signage.

1.6 Recovery plan is confirmed and communicated to all relevant personnel.

Range exclusion zone, attach recovery equipment securely, personal protection equipment;
may include – clear debris from tyres and/or identified route.

Outcome 2

Recover a heavy vehicle safely.

Performance criteria

2.1 Heavy vehicle is recovered safely following the recovery plan.

Planned review date	31 December 2028
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	29 June 2023	N/A

Consent and Moderation Requirements (CMR) reference	0014
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.