

Title	Plan for transporting piloted overweight loads and overdimension loads by road		
Level	4	Credits	8

Purpose	People credited with this unit standard are able to plan the route and the trip for the road transport of a specified overweight and overdimension load that is piloted.
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Classification	Commercial Road Transport > Heavy Haulage
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Available grade	Achieved
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Guidance Information

- 1 Legislation, regulations, references and/or industry standards relevant to this unit standard include but are not limited to the:
- Health and Safety at Work Act 2015;
 - Land Transport Act 1998;
 - Heavy Motor Vehicle Regulations 1974;
 - Land Transport (Driver Licensing) Rule 1999;
 - Land Transport (Driver Licensing) Amendment Rule 2006;
 - Land Transport Rule: Heavy Vehicles 2004;
 - Land Transport (Road User) Rule 2004;
 - Land Transport Rule: Vehicle Dimensions and Mass 2016;
 - Waka Kotahi New Zealand Transport Agency (NZTA). (current edition). *The Official New Zealand Road Code for Heavy Vehicle*. Available from: <https://nzta.govt.nz/roadcode/>;
 - Waka Kotahi New Zealand Transport Agency. (current edition). *The Official New Zealand Truck Loading Code – Code of Practice for the Safety of Loads on Heavy Vehicles*. Available from: <https://nzta.govt.nz/roadcode/>;
 - Information relating to safety at level crossings is available from: <http://www.nzta.govt.nz/resources/roadcode/heavy-vehicle-road-code/about-driving/giving-way-at-railway-level-crossings.html>;
 - Waka Kotahi New Zealand Transport Agency. (2019). *Class 2 load pilot course guide (Part 5, Traffic control at bridges being crossed by overweight vehicles)*. Available from: <https://www.nzta.govt.nz/resources/>;
 - Waka Kotahi New Zealand Transport Agency. *The Roadside Inspection Guidelines for Heavy Vehicles*. Available from: <https://www.nzta.govt.nz/resources/>;
 - Waka Kotahi New Zealand Transport Agency. *Vehicle dimension and mass permitting Manual (VDAM), Volume 1*. Available from: <https://www.nzta.govt.nz/resources/>;

- KiwiRail. Information relating to permits required for crossing the railway line with over height, over width, overweight, or long loads. Available from: <https://www.kiwirail.co.nz/how-can-we-help/access-the-rail-corridor/over-sized-loads/>;
- Waka Kotahi New Zealand Transport Agency. (2004). *Overweight Permit Route Maps, (OPRM)*. Available from: <http://nzta1.cwp.govt.nz/resources/overweight-permit-route-maps/full-index-list.html>;
- Waka Kotahi New Zealand Transport Agency. (2007). *Overdimension Vehicle Route Maps, (OVRM)*. Available from: <http://nzta1.cwp.govt.nz/resources/overdimen-veh-route-maps/full-index-list.html>.

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

2 Definitions

Addendum refers to additional relevant information that is added to the original document used for planning purposes.

A *bridge* refers to a structure designed to carry a road or path over an obstruction (such as a river, road, or rail line) by spanning it and includes culverts with a waterway area greater than 3.4m² and stock underpasses.

A *chokepoint* refers to a point on the road network that requires special attention; for example, a road with a narrow restriction where oncoming vehicles must be stopped to allow an oversize vehicle to pass.

A *vehicle* may be a single vehicle or a combination vehicle.

RCA refers to Road Controlling Authority, which is the authority, body or persons having control of the road.

Road furniture refers to pedestrian refuges, power poles, stop and give-way signs, street signs, telephone poles, threshold signs, traffic control signs such as traffic lights, and any other items that are positioned on or near a road and that need to be considered by an operator in relation to an overdimension load vehicle fitting the route;

Road geometrics include but are not limited to width, camber, gradient, surface, horizontal and vertical curvature.

The Rule refers to the Land Transport Rule: Vehicle Dimensions and Mass 2016.

Workplace procedures refer to organisation policies and procedures that are documented in memo, electronic, or manual format and available in the workplace. They 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 transportation of overdimension and overweight vehicles and/or loads.

3 Assessment information

Assessment may be conducted for a load which is both overweight and overdimension.

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

Plan the route for the road transport of a specified overweight and overdimension load that is piloted.

Performance criteria

- 1.1 The preferred route is determined in accordance with weight and size of load and route restrictions.

Range OVRM, OPRM, RCA route policies.

- 1.2 The route, supervision, and travel time requirements and the restrictions for the preferred route are identified and surveyed.

Range bridge structures, bridge dimensions and weight limits, choke-points, manoeuvre points, overhead obstructions, railway level crossings, road conditions, road furniture, road geometrics, road works, route position markers, route restrictions, service conductors, wires and cables, temporary road closures, addendums, time of travel, traffic control, weather conditions.

- 1.3 The requirements for permits, supervision, and pilots for the preferred route are determined in accordance with the Rule, the Manual, OVRM; OPRM, KiwiRail information, RCA policy, and height restrictions.

Range may include – overweight permits and addendums, overdimension permits, KiwiRail permits; local RCA permits, pilots, and/or supervision; NZTA bridge engineering supervision, overheight approvals and utility providers supervision.

Outcome 2

Plan the trip for the road transport of a specified overweight and overdimension load that is piloted.

Performance criteria

2.1 Permit responsibilities and requirements are identified, and ensuring trip procedures are confirmed to be in accordance with the Rule.

Range permit responsibilities and requirements – NZTA overdimension permits with conditions and notifications as required in the Rule by the on-road supervisor; NZTA or RCA overweight permit(s); KiwiRail over height, over width, overweight, or long load permits for railway line crossing; and overheight approvals if required. trip procedures – communications, emergency services notifications, driver hours, foreseeable contingencies, meeting locations and times with external bridge supervisor or RCA, utility and service providers, prohibited travel times and areas, routing, speeds, weather forecasts.

2.2 Trip arrangements are confirmed.

Range may include – loading and unloading site(s) access, maps, permit conditions, special instructions.

2.3 Procedures to follow in case of contingency are planned.

Range contingencies may include – accidents, mechanical faults, stationary vehicles, stopping oncoming traffic, traffic backed up, weather.

2.4 Requirements for piloting for unladen or partially laden vehicles and permits for partially laden vehicles on outbound or return journeys are planned.

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	21 September 2007	31 December 2017
Review	2	16 July 2015	31 December 2021
Review	3	26 September 2019	31 December 2025
Review	4	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 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.