

<b>Title</b>	<b>Plan for transporting piloted overweight loads and overdimension loads by road</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>8</b>

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

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable company requirements and legislative requirements. This includes the knowledge and use of suitable tools and equipment.
- 2 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the:
  - Health and Safety at Work Act 2015;
  - Heavy Motor Vehicle Regulations 1974;
  - Land Transport Act 1998;
  - 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 (*the Rule*); and any subsequent amendments and replacements.
- 3 Any new, amended, or replacement Acts, regulations, Rules, standards, codes of practice, or New Zealand Transport Agency (NZTA) requirements or conditions affecting the outcomes of this unit standard will take precedence for assessment purposes, pending review of this unit standard.
- 4 References  
 The *Industry Code of Practice for Traffic Control at Bridges Being Crossed by Overweight Vehicles*, available from the New Zealand Heavy Haulage Association (Inc.) at <http://www.hha.org.nz/shop?product=63>;  
 Information relating to permits required for crossing the railway line with over height, over width, over weight, or long loads, available at <https://www.kiwirail.co.nz/how-can-we-help/access-the-rail-corridor/over-sized-loads/>;

Information in *The Official New Zealand Road Code for Heavy Vehicle Drivers* relating to safety at level crossings, available at

<http://www.nzta.govt.nz/resources/roadcode/heavy-vehicle-road-code/about-driving/giving-way-at-railway-level-crossings.html>;

The *Official New Zealand Truck Loading Code – Code of Practice for the Safety of Loads on Heavy Vehicles* ISBN 9780478289916, available from booksellers and at <http://www.nzta.govt.nz/assets/resources/roadcode/truck-loading-code/docs/tlc.pdf>;

The *Official New Zealand Road Code for Heavy Vehicle Drivers (the Road Code)*, ISBN 9780478407969, available from booksellers and at

<http://www.nzta.govt.nz/resources/roadcode/heavy-vehicle-road-code/>;

The *Roadside Inspection Guidelines for Heavy Vehicles* ISBN 9780478407020, available at <http://www.nzta.govt.nz/resources/roadside-inspection-guide-heavy-vehicles/>;

The NZTA Vehicle dimension and mass permitting manual (VDAM) ISBN 978-1-98-851243-3 (set), available at <http://www.nzta.govt.nz/resources/vehicle-dimension-and-mass-permitting-manual/> (*the Manual*);

The NZTA Overdimension vehicle route maps (OVRM) ISBN 0478047266, available at

<http://www.nzta.govt.nz/resources/overdimen-veh-route-maps/>;

The NZTA Overweight permit route maps (OPRM) ISBN 0478041136, available at <http://www.nzta.govt.nz/resources/overweight-permit-route-maps/>.

#### 4 Definitions

A *bridge* is 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 3.4m<sup>2</sup> and stock underpasses;

*Company requirements* refer to instructions to staff on policy and procedures that are available in the workplace. These requirements may include – company policies and procedures, work instructions, product quality specifications and legislative requirements;

A *choke-point* is 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;

*RCA* means Road Controlling Authority, which is the authority, body or persons having control of the road;

*Road furniture* is 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;

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

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

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## 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 repairs, 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, time of travel, traffic control, weather conditions.
- 1.3 The requirements for permits, supervision, and escorts 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, overdimension permits, KiwiRail permits; local RCA permits, escorts, 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 and notifications as required in the Rule by the on-road supervisor; NZTA or RCA overweight permit(s); KiwiRail over height, over width, over weight, 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 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 and permits for unladen or partially laden vehicles on outbound or return journeys are planned.

<b>Planned review date</b>	31 December 2024
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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	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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 MITO New Zealand Incorporated [info@mito.org.nz](mailto:info@mito.org.nz) if you wish to suggest changes to the content of this unit standard.