

<b>Title</b>	<b>Navigate in urban and rural areas during a CDEM emergency</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>3</b>

<b>Purpose</b>	<p>This unit standard is intended for people responding to a CDEM emergency using a road vehicle.</p> <p>People credited with this unit standard are able to: plan a safe route to a CDEM emergency in urban and rural areas; navigate to planned CDEM emergency destination; and complete post-navigational activities in a CDEM emergency.</p>
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<b>Classification</b>	Civil Defence > Civil Defence Operation
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<b>Available grade</b>	Achieved
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**Explanatory notes**

- 1 Definitions
 

*Civil Defence Emergency Management (CDEM)* means the application of knowledge, measures, and practices that are necessary or desirable for the safety of the public or property; are designed to guard against, prevent, reduce, or overcome any hazard or harm or loss that may be associated with any emergency; and includes, without limitation, the planning, organisation, co-ordination, and implementation of those measures, knowledge, and practices.

*Operational requirements* are any legal requirements, standards, codes of practice, plans, organisational policies and procedures, and standard operating procedures (SOPs).

*Operational situation* is a declared or non-declared emergency, incident or exercise that an organisation may be deployed to.

*Organisation* is an agency engaged in CDEM.
- 2 Assessment against this unit standard may be conducted in a simulated emergency.
- 3 The CDEM organisation’s requirements or standard operating procedures (SOPs) refer to policies and procedures on safety and operation set down by each CDEM service employer or agency or host organisation.

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## Outcomes and evidence requirements

### Outcome 1

Plan a safe route to a CDEM emergency in urban and rural areas.

#### Evidence requirements

1.1 Current and destination positions are determined. For topographical maps, a full map reference is given to 100m accuracy; for road maps, the position is described in terms of nearest junctions and/or geographical features.

Range topographical map (Series 260 or similar), road map (approximately 1:50,000) scale.

1.2 Critical factors influencing choice of route are assessed in terms of the CDEM operational situation and requirements.

Range may include but is not limited to – road conditions, resources available, nature of the task required, logistics required legislation/restrictions on access, experience.

1.3 Navigation plan is prepared in accordance with the organisation's SOPs.

### Outcome 2

Navigate to planned CDEM emergency destination.

#### Evidence requirements

2.1 Navigational aids and equipment are used to maintain compliance with planned route.

Range must include topographical and road maps and may include compass, protractor, Global Positioning System, mapping software.

2.2 Driver is directed in accordance with the navigation plan.

2.3 Current location is regularly verified within accepted tolerances, and lost en-route procedure implemented if required in accordance with the organisation's SOPs.

2.4 Route is modified to address prevailing conditions if required in accordance with the organisation's SOPs.

2.5 En-route and arrival reporting information is communicated in accordance with the organisation's SOPs.

**Outcome 3**

Complete post-navigational activities in a CDEM emergency.

**Evidence requirements**

3.1 Navigation or nominated reports are completed in accordance with the organisation's SOPs.

Range may include but is not limited to – updating centralised information about road/route conditions, access restrictions.

3.2 Navigation equipment is readied for future use as per manufacturer's instructions and the organisation's SOPs.

<b>Planned review date</b>	31 August 2014
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	23 April 2007	N/A
Rollover and Revision	2	18 July 2013	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0223
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Please note**

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

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**Comments on this unit standard**

Please contact the Fire and Rescue Services Industry Training Organisation (EmQual) [info@emqual.org.nz](mailto:info@emqual.org.nz) if you wish to suggest changes to the content of this unit standard.