

<b>Title</b>	<b>Demonstrate knowledge of building design, controlled zones and site plans for storing explosive substances</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>3</b>

<b>Purpose</b>	<p>This unit standard is intended for people who are the certified handlers in their workplace, under the Health and Safety at Work (Hazardous Substances) Regulations 2017, and who are involved in the manufacture and use of hazardous substances.</p> <p>People credited with this unit standard are able to demonstrate knowledge of building design, controlled zones and site plans for storing explosive substances.</p>
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<b>Classification</b>	Occupational Health and Safety > Hazardous Substances and Materials
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<b>Available grade</b>	Achieved
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**Guidance Information**

- 1 Legislation applicable to this unit standard includes but is not limited to – Health and Safety at Work Act 2015, Health and Safety at Work (Hazardous Substances) Regulations 2017, and Hazardous Substances and New Organisms Act 1996.
- 2 Definitions
  - Certified handler* – a person who is qualified to handle very hazardous substances. A certified handler may also provide guidance and assistance to other people handling the substances.
  - Explosive substance* – a reactive substance that contains a great amount of potential energy that can provide an explosion if released suddenly, usually accompanied by the production of light, heat, sound and pressure.
  - Hazardous substance* – any substance that has one or more of the following properties (explosive, flammable, tendency to oxidize, corrosive, toxic, eco-toxicity) when above specified levels. A hazardous substance can have more than one hazardous property such as petrol which is flammable and toxic.
  - Organisational requirements* – instructions to staff on policies and procedures which are documented in memo or manual format. These requirements include but are not limited to – site-specific requirements and any company quality management requirements.

## Outcomes and performance criteria

### Outcome 1

Demonstrate knowledge of building design, controlled zones and site plans for storing explosive substances.

### Performance criteria

- 1.1 Compliant building types and storage locations for explosive substances are identified and described in accordance with legislative requirements.
- 1.2 The need for controlled zones for explosive substances is explained in accordance with legislative requirements.
- 1.3 The process for calculating controlled zones for explosive substances is described in accordance with legislative requirements.
- 1.4 Options for managing behaviour in controlled zones for explosive substances are described in accordance with legislative and organisational requirements.
- 1.5 The process for marking a controlled zone for explosive substances on a site plan is described in accordance with legislative requirements.

<b>Planned review date</b>	31 December 2020
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### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15 September 2011	N/A
Rollover and Revision	2	22 May 2014	N/A
Rollover and Revision	3	8 December 2016	N/A
Rollover and Revision	4	22 August 2019	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0121
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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 Skills Organisation [reviewcomments@skills.org.nz](mailto:reviewcomments@skills.org.nz) if you wish to suggest changes to the content of this unit standard.