

Title	Demonstrate knowledge of safe handling procedures for flammable and oxidising substances		
Level	3	Credits	4

Purpose	<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 safe handling procedures for flammable and oxidising substances.</p>
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Classification	Occupational Health and Safety > Hazardous Substances and Materials
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Available grade	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.

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 safe handling procedures for flammable and oxidising substances.

Performance criteria

- 1.1 The selection of personal protective equipment (PPE) for handling flammable liquids and oxidising substances to meet the required lifecycle phase is explained in accordance with legislative and organisational requirements.
- Range lifecycle phase includes but is not limited to – manufacture, use, storage, disposal; evidence of PPE for three different flammable liquids and oxidising substances is required.
- 1.2 Process for maintaining personal protective equipment (PPE) for flammable liquids and oxidising substances is identified and described in accordance with manufacturers' and organisational requirements.
- Range evidence of PPE for three different flammable liquids and oxidising substances is required.
- 1.3 Flammable liquids and oxidising substances operating equipment used for pressure management is identified and described in terms of its key components.
- Range evidence of three key components is required.
- 1.4 Flammable liquids and oxidising substances operating equipment used for handling containers is identified and described in terms of its key components.
- Range evidence of three key components is required.
- 1.5 Flammable liquids and oxidising substances operating equipment used for handling pipe work and valves is identified and described in terms of its key components.
- Range evidence of three key components is required.
- 1.6 Processes for managing equipment used to handle oxidising substances to prevent accumulation and contact with incompatibles is described in accordance with legislative and organisational requirements.

Planned review date	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

Consent and Moderation Requirements (CMR) reference

0121

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 if you wish to suggest changes to the content of this unit standard.