

<b>Title</b>	<b>Demonstrate knowledge of safe handling procedures for flammable gases and aerosols</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>4</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 safe handling procedures for flammable gases and aerosols.</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 References

Legislative requirements applicable to this unit standard include – 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 Definition

*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-toxic) 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.

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## Outcomes and performance criteria

### Outcome 1

Demonstrate knowledge of safe handling procedures for flammable gases and aerosols.

**Performance criteria**

- 1.1 The selection of personal protective equipment (PPE) for handling flammable gases and aerosols 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 gases and aerosols is required.
- 1.2 Process for maintaining personal protective equipment (PPE) for flammable gases and aerosols is identified and described in accordance with manufacturers’ and organisational requirements.  
  
 Range evidence of PPE for three different flammable gases and aerosols is required.
- 1.3 Flammable gas 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 gas operating equipment used for handling cylinders is identified and described in terms of its key components.  
  
 Range evidence of three key components is required.
- 1.5 Flammable gas 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.

<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	21 July 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>.

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**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.