

<b>Title</b>	<b>Apply safe handling procedures for outdoor pyrotechnic displays</b>		
<b>Level</b>	<b>4</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 apply safe handling procedures for outdoor pyrotechnic displays.</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 – Health and Safety at Work Act 2015, Health and Safety at Work (Hazardous Substances) Regulations 2017, Hazardous Substances and New Organisms Act 1996, and Government Roadway Powers Act 1989 section 75.
- 2 Definitions
 

*Certified handler* – someone 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, ability to oxidize, corrosiveness, toxicity, ecotoxicity) 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. In the case of pyrotechnic displays specific safety and operating procedures related to operating these hazardous substances.

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## Outcomes and performance criteria

### Outcome 1

Apply safe handling procedures for outdoor pyrotechnic displays.

**Performance criteria**

- 1.1 Requirements for personnel operating safely when using pyrotechnics are identified and described in accordance with organisational and legislative requirements.
- Range requirements include but are not limited to – personal protective equipment, operating instructions, safety policies and procedures, risk management plan.
- 1.2 Requirements for personnel conducting planned pyrotechnic displays to a height of more than 60 metres are identified and described in accordance with organisational and legislative requirements.
- 1.3 Requirements for personnel conducting planned pyrotechnic displays to a height of less than 60 metres are identified and described in accordance with organisational and legislative requirements.
- 1.4 Unfired, misfired and partially fired pyrotechnics are managed to ensure contact cannot occur with sparks or hot fragments in accordance with organisational and legislative requirements.
- 1.5 Segregation and protection of pyrotechnics in the discharge area is managed in accordance with organisational and legislative requirements.
- 1.6 Firing circuits are managed to comply with organisational and legislative requirements.
- 1.7 Mortar tubes and aerial shells are selected in accordance with organisational and legislative requirements.
- 1.8 Pyrotechnic effects, line of flight, exclusion zones, crossovers and bursts are managed for outdoor pyrotechnic displays in accordance with organisational and 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>.

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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.