

Title	Demonstrate knowledge of applying fireproofing to structural steel and equipment supports		
Level	3	Credits	5

Purpose	<p>This specialist unit standard is for people working in the coatings area of the painting and decorating sector.</p> <p>People credited with this unit standard are able to demonstrate knowledge of processes for preparing surfaces for fireproofing and processes for fireproofing structural steel and equipment supports; and to identify and describe safe work practices.</p>
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Classification	Construction Trades > Painting and Decorating
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Available grade	Achieved
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Guidance Information

- 1 Legislation and references relevant to this unit standard include – Health and Safety in Employment Act 1992; Resource Management Act 1991; Hazardous Substances and New Organisms Act 1996, available at <http://legislation.govt.nz>; and the guidelines of the Occupational Safety and Health (OSH) service, available at <http://www.business.govt.nz/worksafe>.
- 2 Definition
Worksite requirements refer to job instructions to candidate on agreed work to be carried out.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of processes for preparing surfaces for fireproofing.

Performance criteria

- 1.1 Process for blast cleaning and preparing surfaces is described in accordance with manufacturer's specifications and worksite requirements.
- 1.2 Process for applying preparatory coats is described in accordance with the manufacturer's specifications and worksite requirements.

1.3 Process for implementing quality control is explained in accordance with the manufacturer's specifications and worksite requirements.

Range quality control includes – blast profile size, film thickness.

Outcome 2

Demonstrate knowledge of processes for fireproofing structural steel and equipment supports.

Performance criteria

2.1 Process for applying liquid coatings is described in accordance with the manufacturer's specifications and worksite requirements.

2.2 Process for applying mesh is described in accordance with the manufacturer's specifications and worksite requirements.

2.3 Process for implementing quality control is explained in accordance with the manufacturer's specifications and worksite requirements.

Range quality control includes – wet film thickness, mesh fibre orientation and overlap, uniformity of application.

Outcome 3

Identify and describe safe work practices.

Performance criteria

3.1 Safe working practices appropriate to the task being undertaken are identified and described in accordance with relevant legislation, OSH guidelines and worksite requirements.

Replacement information	This unit standard replaced unit standard 2669.
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	18 August 2011	31 December 2016
Review	2	19 February 2015	31 December 2026
Review	3	24 April 2025	31 December 2028

Consent and Moderation Requirements (CMR) reference	0048
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

This unit standard is expiring