

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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Explanatory notes

- 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 evidence requirements

Outcome 1

Demonstrate knowledge of processes for preparing surfaces for fireproofing.

Evidence requirements

- 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.

Evidence requirements

- 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.

Evidence requirements

- 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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Planned review date	31 December 2019
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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	N/A

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>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the Building and Construction Industry Training Organisation info@bcito.org.nz if you wish to suggest changes to the content of this unit standard.