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|--------------|---|----------------|----------|
| <b>Title</b> | <b>Install man-made refractory mineral fibres</b> |                |          |
| <b>Level</b> | <b>3</b>  | <b>Credits</b> | <b>8</b> |

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| <b>Purpose</b> | People credited with this unit standard are able to: set up work area for installation; install man made refractory mineral fibres; repair man-made refractory mineral fibre installations; and complete work operations. |
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| <b>Classification</b> | Masonry > Refractory Installation |
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| <b>Available grade</b> | Achieved |
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### Explanatory notes

#### 1 Definitions

*Industry practice* refers to the expected standard required at the enterprise in which credit for this standard is sought, such standards may be set down in: industry codes of practice, enterprise procedures, which refer to documented procedures specific to the enterprise and set out the standard business practice, and activities of that enterprise.

*Site safety plan* refers to the documented safety plan which is required by law to ensure compliance with the Health and Safety in Employment Act, 1992.

*Specifications* refer to any, or all of the following:

- manufacturer's specifications and/or recommendations;
- site and/or workplace specific requirements.

*Plant* refers to appliances, equipment, fittings, furniture, implements, machinery, tools, vehicles, plus parts, controls, and anything connected to such plant.

#### 2 Legislation and Codes of Practice relevant to this unit standard include the following:

Health and Safety in Employment Act, 1992;

Resource Management Act, 1991;

*Best Practice Guideline for Scaffolding*, 2003 Department of Labour available from

<http://www.osh.dol.govt.nz/order/catalogue/scaffolding.shtml>.

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### Outcomes and evidence requirements

#### Outcome 1

Set up refractory work area.

#### Evidence requirements

- 1.1 Site is verified as safe to enter prior to entry in accordance with the specifications.

- 1.2 Site safety procedures are complied with as set down in the site safety plan.
- 1.3 Area of installation is confirmed as being in accordance with the specifications.
- 1.4 Actions taken in the event that area is unsuitable for installation are in accordance with industry practice.
- 1.5 Materials used are in accordance with the specifications.
- 1.6 Plant and materials are set up to ensure safe access for work operations.
- 1.7 Safety equipment selected for specific work operations is accessible and operational.
- 1.8 Substrate is prepared in accordance with the specifications.
- 1.9 Access equipment is erected to comply with legislative requirements.

## **Outcome 2**

Install man-made refractory mineral fibres.

### **Evidence requirements**

- 2.1 Anchors are installed in accordance with the specifications.
- 2.2 Installation is completed in accordance with the specifications.

Range blanket, anchored modules, veneered modules, vacuum formed board (V.F.B.).

## **Outcome 3**

Repair man-made refractory mineral fibre installations.

### **Evidence requirements**

- 3.1 Area is prepared to provide surface which meets installation requirements.
- 3.2 Man-made refractory mineral fibres are re-installed in accordance with the specifications.

## **Outcome 4**

Complete work operations.

### **Evidence requirements**

- 4.1 All operations are completed without damage to project, plant, or materials or injury to staff.
- 4.2 All activities comply with safety requirements set down in the site safety plan.

- 4.3 All plant is used, maintained, cleaned, and stored and work site left as specified in accordance with manufacturers, and/or legislative requirements.
- 4.4 All documentation is completed in accordance with industry practice.
- 4.5 Surplus materials are dealt with in accordance with industry practice and legislative requirements.

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| <b>Planned review date</b> | 31 December 2012 |
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#### Status information and last date for assessment for superseded versions

| Process      | Version | Date              | Last Date for Assessment |
|--------------|---------|-------------------|--------------------------|
| Registration | 1       | 16 January 1997   | 31 December 2011         |
| Revision     | 2       | 8 April 1999      | 31 December 2011         |
| Review       | 3       | 21 September 2007 | 31 December 2011         |
| Revision     | 4       | 21 July 2011      | N/A                      |

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| <b>Consent and Moderation Requirements (CMR) reference</b> | 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 (CMRs). 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 [national.office@bcito.org.nz](mailto:national.office@bcito.org.nz) if you wish to suggest changes to the content of this unit standard.