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| <b>Title</b> | <b>Inspect and verify passive fire protection for compliance with the building consent</b> |                |           |
| <b>Level</b> | <b>4</b>   | <b>Credits</b> | <b>40</b> |

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| <b>Purpose</b> | <p>This unit standard covers inspections of passive fire protection (PFP) in new or altered buildings for the purpose of determining compliance with a Building Consent.</p> <p>People credited with this unit standard are able to: prepare for inspection of PFP; inspect PFP for compliance with a Building Consent; and document and report on the inspection.</p> |
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| <b>Classification</b> | Mechanical Engineering > Passive Fire Protection |
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| <b>Available grade</b> | Achieved |
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### Explanatory notes

- 1 Routine inspections of PFP are not covered by this unit standard. They are covered by unit standard 26243, *Inspect and verify passive fire protection as part of a routine inspection*.
- 2 References  
 Building Act 2004 and associated Regulations.  
 Department of Building and Housing. *Compliance Document for New Zealand Building Code, Clauses C1 to C6 (Fire Safety)*, which are available at <http://www.building.govt.nz/compliance-documents>.  
 Ministry of Business, Innovation and Employment (MBIE). *Compliance Schedule Handbook*, which is available at: <http://www.building.govt.nz/UserFiles/File/Publications/Building/Compliance-documents/Compliance-schedule-handbook-amendment-3.pdf> .  
 Ministry of Business, Innovation and Employment (MBIE) *New Zealand Building Code Handbook*, which is available at: <http://www.building.govt.nz/UserFiles/File/Publications/Building/Compliance-documents/building-code-handbook-3rd-edition-amendment-13.pdf>.
- 3 Definition  
*Enterprise procedures* – documented procedures used by the organisation carrying out the work and applicable to the tasks being carried out. They may include but are not limited to – standard operating procedures, site safety procedures, equipment operating procedures, codes of practice, quality assurance procedures, housekeeping standards, charging of time and materials, management of drawings, and documentation, procedures to comply with legislative and local body requirements.

*Passive fire protection (PFP)* is an integral part of the three components of structural fire protection and fire safety (ie Fire Resistance Rating) in a building. PFP attempts to contain fires or slow the spread by compartmentalising the building and through the use of fire resistant walls, floors, doors, ceilings, and roofs.

*Inspection*, for the purpose of this standard, refers to close examination of the PFP of a building to determine compliance with the requirements of the Building Consent. This may include certain test procedures to ensure proper operation of PFP elements. Inspections are expected to be made both during and at the end of building construction.

*Systems documentation* refers to the documentation required to be maintained by the relevant fire protection standards, and may include – compliance schedules, building consents, codes of practice, contracts, drawings, fire reports, installation instructions, log books, photographic evidence, product specifications, specifications, standards, test and commissioning procedures, test and maintenance records, and test reports.

#### 4 Range

Evidence of inspection of PFP of three different buildings of varying complexity and sizes such as multiple fire cells and floor levels is required, each covering all aspects of PFP.

#### 5 Assessment

Use of training manuals, reference texts and literature, standards, manufacturers' data, and codes of practice and regulations listed in the references is encouraged during assessment.

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## Outcomes and evidence requirements

### Outcome 1

Prepare for inspection of passive fire protection (PFP).

#### Evidence requirements

- 1.1 Relevant system documentation is assembled for use in inspections in accordance with enterprise procedures.
- 1.2 System documentation is analysed to identify elements to be inspected and develop a procedure for the inspection.
- 1.3 Safety requirements are identified and actioned in accordance with site requirements.

### Outcome 2

Inspect PFP for compliance with a Building Consent.

#### Evidence requirements

- 2.1 PFP is inspected to determine compliance with a Building Consent.
- 2.2 Ascertain correct approved systems are used to achieve the FRR.

- 2.3 Non-conforming items are reported to the building owners or their agents for corrective action, and re-inspected when corrected.
- 2.4 Safety requirements are complied with in accordance with site requirements.

### Outcome 3

Document and report on the inspection.

### Evidence requirements

- 3.1 Inspection documents are assembled and a report prepared to provide evidence of compliance with the Building Consent.
- 3.2 Documentation is distributed to relevant stakeholders in accordance with the requirements of the Building Consent and enterprise procedures.

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| <b>Replacement information</b> | This unit standard replaced unit standard 17711. |
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| <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 May 2010     | 31 December 2017         |
| Review       | 2       | 15 October 2015 | N/A                      |

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| <b>Consent and Moderation Requirements (CMR) reference</b> | 0013 |
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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.

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**Comments on this unit standard**

Please contact Competenz [qualifications@competenz.org.nz](mailto:qualifications@competenz.org.nz) if you wish to suggest changes to the content of this unit standard.