

Title	Inspect passive fire protection as part of a routine inspection		
Level	4	Credits	35

Purpose	<p>This unit standard covers routine inspections of passive fire protection (PFP) in buildings to confirm ongoing compliance with the requirements of the compliance schedule. Routine inspections of PFP are detailed in Specified Systems SS 15 of the Compliance Schedule Handbook, and assume that the inspector works with a pre-defined compliance schedule which specifies the systems and inspections required.</p> <p>People credited with this unit standard are able to: prepare for a routine inspection and verification; carry out a routine inspection; and verify completion of the inspection, maintenance, and reporting procedures of passive fire protection (PFP).</p>
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Classification	Mechanical Engineering > Passive Fire Protection
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Available grade	Achieved
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Explanatory notes

1 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>.

2 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.

Routine inspection, for the purpose of this standard, refers to close examination of the PFP of a building to determine ongoing compliance with the requirements of the compliance schedule. This may include test procedures to ensure proper operation of PFP elements.

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.

3 Range

Evidence of inspection and verification of at least five buildings is required, each covering Specified Systems SS15, items 15/2, 15/3, 15/4, and 15/5 of the Compliance Schedule Handbook. Separate inspection sheets for each of SS15/2 to 15/5 inspections are required.

4 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.

Outcomes and evidence requirements

Outcome 1

Prepare for a routine inspection and verification of passive fire protection (PFP).

Evidence requirements

- 1.1 Relevant system documentation is assembled for use in the inspection in accordance with company procedures.
- 1.2 Safety requirements are identified and actioned in accordance with site requirements.

Outcome 2

Carry out a routine inspection of PFP.

Evidence requirements

- 2.1 PFP is inspected in accordance with the compliance schedule and additional provisions contained in the Specified Systems SS 15, items 15/2, 15/3, 15/4, and 15/5 of the Compliance Schedule Handbook.
- 2.2 Non-conforming items are reported to the building owners or their agents for corrective action, and re-inspected when corrected.

2.3 Safety requirements are complied with in accordance with site requirements.

Outcome 3

Verify completion of the inspection, maintenance, and reporting procedures of PFP.

Evidence requirements

- 3.1 Documentation relating to the inspections, maintenance, and reporting procedures is examined to verify compliance with the requirements of the compliance schedule in accordance with the Compliance Schedule Handbook.
- 3.2 Certificate of Compliance with inspection, maintenance, and reporting procedures (Form 12A) is completed under supervision in accordance with the Compliance Schedule Handbook.
- 3.3 Documentation is distributed to stakeholders in accordance with the Compliance Schedule Handbook and enterprise procedures.

Replacement information	This unit standard replaced unit standard 17711.
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Planned review date	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

Consent and Moderation Requirements (CMR) reference	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.

Comments on this unit standard

Please contact Competenz qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.