



Fire & Rescue Services ITO

Assessor Assessment Guide
Unit Standard 16942
Apply knowledge of advanced fire development in structures and
compartments
(Level 5, Credit 10, Version 3)

In order to achieve competency in this unit standard a candidate must display an understanding of the knowledge components by completing an oral or written assessment and practically demonstrate the performances required to determine building compliance requirements and establish corrective actions to achieve building compliance.

This assessment may take place at a real fire where defensive control is employed or at a simulated practical event.

The assessor may elect to question candidates during completion of the practical assessment to ensure theoretical knowledge can be applied during practice. This technique also provides the assessor with reinforcement that knowledge has been retained.

Where a candidate is being assessed on the basis of a RCC process evidence must be produced that indicates a candidate has successfully directed operations at a defensively controlled fire at both structure and vehicle fires in a safe manner without causing avoidable environmental or equipment damage.

Assessors may use this guide to record evidence of a candidates overall performance but should be aware that this may not, on its own be an adequate record for moderation purposes without appropriate notes or appendices. Notes should include a summary of the process used and a statement about the quality of the candidate's performance.

ASSESSORS SHOULD ALWAYS REVIEW THE REQUIREMENTS CONTAINED IN THE UNIT STANDARD DOCUMENT PRIOR TO CONDUCTING ASSESSMENTS

For this unit the following resources are available from FRSITO to assist Learners, Instructors and Assessors:

- Assessor Assessment Guide
- Learner Assessment Guide

Assessors General Notes:

Unless otherwise stated the legislation referred to includes the – Fire Service Act 1975, Building Act 2004, Building Regulations 2004, Hazardous Substances and New Organisms Act 1996, Fire Safety and Evacuation of Buildings Regulations 1992, Resource Management Act 1991, and Building Code 1992, and subsequent amendments.

Performance design elements refer to building construction practices identified in the Building Code 1992.

Assessor Name	_____	Assessor No.	_____
Candidate Name	_____	NZQA No.	_____
Date of Assessment	_____	Final Result	_____

Level Descriptor

Level	Process	Employing	Responsibility
5	Carrying out processes that: <ul style="list-style-type: none"> Require a wide range of specialised technical or scholastic skills Involve a wide choice of standard and non-standard procedures Are employed in a variety of routine and non-routine contexts 	Employing: <ul style="list-style-type: none"> A broad knowledge base with substantial depth in some areas Analytical interpretation of a wide range of data The determination of appropriate methods and procedures in response to a range of concrete problems with some theoretical elements 	Applied: <ul style="list-style-type: none"> In self-directed and sometimes directed activity with broad general guidelines or functions With full responsibility for the nature, quantity and quality of outcomes With possible responsibility for the achievement of group outcome

	Information or actions that may provide support for competency	
General	Has the candidate: <ul style="list-style-type: none"> <input type="checkbox"/> Satisfactorily completed a pre course self test? <input type="checkbox"/> Satisfactorily completed an oral or written on course or post knowledge assessment? <input type="checkbox"/> Satisfactorily completed simulation exercises? <input type="checkbox"/> Attend a course covering the Unit Standard subject matter? <input type="checkbox"/> Provided proof of experience through records? <input type="checkbox"/> Practically demonstrated in a practical scenario? <input type="checkbox"/> Other (please list)? <hr/> <hr/>	Assessor Notes:

Element and PC	Evidence Typical answer/product/performance expected from the learner/candidate(s)	Judgement Statement (A statement that defines the standard to be achieved)	Result C/NYC
1	Determine building compliance against fire and rescue services building construction practices. Range: <ul style="list-style-type: none"> buildings that are required to have an approved evacuation scheme as defined in the Fire Service Act 1975 and the Fire Safety and Evacuation of Buildings Regulations 1992, buildings that house hazardous substances as defined in the Hazardous Substances and New Organisms Act 1996. 		
1.1	The candidate ensures the building code is interpreted against the relevant fire and rescue services building construction practices. Did the candidate: <ul style="list-style-type: none"> <input type="checkbox"/> Interpret building code against building construction practices? Assessor notes:	The building code is interpreted against the relevant fire and rescue services building construction practices.	

Element and PC	Evidence Typical answer/product/performance expected from the learner/candidate(s)	Judgement Statement (A statement that defines the standard to be achieved)	Result C/NYC
1.2	<p>The candidate ensures a profile of building compliance is established prior to undertaking investigation and research.</p> <p>Range:</p> <ul style="list-style-type: none"> <input type="checkbox"/> summary of observations <input type="checkbox"/> action taken <input type="checkbox"/> conditions experienced <input type="checkbox"/> remedial action agreed <input type="checkbox"/> any matters that are to be followed up <p>Did the candidate:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Satisfy the requirements of the range? <p>Assessor notes:</p>	<p>A profile of building compliance is established prior to undertaking investigation and research.</p>	
1.3	<p>The candidate ensures investigation on the particulars of building compliance is conducted on a case-by-case basis, in accordance with organisational procedures.</p> <p>Range:</p> <ul style="list-style-type: none"> <input type="checkbox"/> evacuation scheme <input type="checkbox"/> evacuation procedure <input type="checkbox"/> and/or building evacuation scheme waiver <p>Did the candidate:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Satisfy the requirements of the range? <p>Assessor notes:</p>	<p>Investigation on the particulars of building compliance is conducted on a case-by-case basis, in accordance with organisational procedures.</p>	

Element and PC	Evidence Typical answer/product/performance expected from the learner/candidate(s)	Judgement Statement (A statement that defines the standard to be achieved)	Result C/NYC
2	Determine building compliance or non-compliance.		
2.1	<p>The candidate ensures judgements are made to establish a non-compliance situation by applying organisational inspection criteria.</p> <p>Did the candidate:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Make clear judgements regarding non-compliance? <p>Assessor notes:</p>	<p>Judgements are made to establish a non-compliance situation by applying organisational inspection criteria.</p>	

Element and PC	Evidence Typical answer/product/performance expected from the learner/candidate(s)	Judgement Statement (A statement that defines the standard to be achieved)	Result C/NYC
2.2	<p>The candidate ensures judgements are confirmed by applying relevant legislation to a given non-compliance situation.</p> <p>Did the candidate:</p> <p><input type="checkbox"/> Apply relevant legislation appropriately?</p> <p>Assessor notes:</p>	<p>Judgements are confirmed by applying relevant legislation to a given non-compliance situation.</p>	

Element and PC	Evidence Typical answer/product/performance expected from the learner/candidate(s)	Judgement Statement (A statement that defines the standard to be achieved)	Result C/NYC
3	Establish the path of corrective actions to achieving building compliance on a case-by-case basis.		
3.1	<p>The candidate ensures the building code is applied in relation to identifying building compliance solutions.</p> <p>Did the candidate:</p> <p><input type="checkbox"/> Ensure building code is applied?</p> <p>Assessor notes:</p>	<p>The building code is applied in relation to identifying building compliance solutions.</p>	
3.2	<p>The candidate ensures recommendations are made to person(s) and/or authority(s) involved in actions to be undertaken in order to achieve building compliance solutions.</p> <p>Range:</p> <p><input type="checkbox"/> verbal <input type="checkbox"/> written</p> <p>Did the candidate:</p> <p><input type="checkbox"/> Satisfy the requirements of the range?</p> <p>Assessor notes:</p>	<p>Recommendations are made to person(s) and/or authority(s) involved in actions to be undertaken in order to achieve building compliance solutions.</p>	

Element and PC	Evidence Typical answer/product/performance expected from the learner/candidate(s)	Judgement Statement (A statement that defines the standard to be achieved)	Result C/NYC
3.3	The candidate ensures evidence is provided in support of recommendations being made. Did the candidate: <input type="checkbox"/> Ensure evidence supports recommendations? Assessor notes:	Evidence is provided in support of recommendations being made.	