



Fire & Rescue Services ITO

## Assessor Assessment Guide Unit Standard 20393 Enter and suppress fire in a fire-affected building (Level 3, Credit 6, Version 1)

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

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:

**Pre-requisites:** Unit Standard 3283, *Demonstrate knowledge of personal safety at fire and emergency incidents.*

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

**Level Descriptor**

Level	Process	Employing	Responsibility
3	<b>Carrying out processes that:</b> <ul style="list-style-type: none"> <li>Require a range of well developed skills</li> <li>Offer a significant choice of procedures</li> <li>Are employed within a range of familiar contexts</li> </ul>	<b>Employing:</b> <ul style="list-style-type: none"> <li>Some relevant theoretical knowledge</li> <li>Interpretation of available information</li> <li>Discretion and judgement</li> <li>A range of known responses to familiar problems</li> </ul>	<b>Applied:</b> <ul style="list-style-type: none"> <li>In directed activity with some autonomy</li> <li>Under general supervision and quality checking</li> <li>With significant responsibility for the quantity and quality of output</li> <li>With possible responsibility for the output of others</li> </ul>

Information or actions that may provide support for competency		
General	<b>Has the candidate:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Completed Unit Standard 3283?</li> <li><input type="checkbox"/> Satisfactorily completed a pre course self test?</li> <li><input type="checkbox"/> Satisfactorily completed an oral or written on course or post knowledge assessment?</li> <li><input type="checkbox"/> Satisfactorily completed simulation exercises?</li> <li><input type="checkbox"/> Attend a course covering the Unit Standard subject matter?</li> <li><input type="checkbox"/> Provided proof of experience through records?</li> <li><input type="checkbox"/> Practically demonstrated in a practical scenario?</li> <li><input type="checkbox"/> Other (please list)?</li> </ul> <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
<b>1</b>	<b>Demonstrate knowledge of safe entry to a fire-affected building</b>		
1.1	The candidate explains entry techniques, safety considerations and equipment to be used in accordance with the SOPs.  <b>Range:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> glass</li> <li><input type="checkbox"/> roller doors</li> <li><input type="checkbox"/> wooden doors</li> <li><input type="checkbox"/> security doors</li> <li><input type="checkbox"/> windows</li> </ul> <b>Did the candidate:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Satisfy the requirements of the range?</li> </ul> <b>Assessor notes:</b>	<b>Entry techniques, safety considerations and equipment to be used are explained in accordance with the SOPs.</b>	

<b>Element and PC</b>	<b>Evidence Typical answer/product/performance expected from the learner/candidate(s)</b>	<b>Judgement Statement (A statement that defines the standard to be achieved)</b>	<b>Result C/NYC</b>
1.2	<p>The candidate explains the terms flashover and back draught in accordance with the requirements of the fire service provider</p> <p><b>Range:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> causes</li> <li><input type="checkbox"/> signs</li> <li><input type="checkbox"/> hazards</li> <li><input type="checkbox"/> mitigation</li> </ul> <p><b>Did the candidate:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Satisfy the requirements of the range?</li> </ul> <p><b>Assessor notes:</b></p>	<p><b>The terms flashover and back draught are explained in accordance with the requirements of the fire service provider</b></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
1.3	<p>The candidate explains other hazards that could be encountered when entering a fire-affected building in accordance with the requirements of the fire service provider.</p> <p><b>Range:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> overhead hazards</li> <li><input type="checkbox"/> utilities</li> <li><input type="checkbox"/> animals</li> <li><input type="checkbox"/> people</li> <li><input type="checkbox"/> fire load</li> <li><input type="checkbox"/> fire hazards</li> <li><input type="checkbox"/> illegal operations</li> </ul> <p><b>Did the candidate:</b></p> <p><input type="checkbox"/> Satisfy the requirements of the range?</p> <p><b>Assessor notes:</b></p>	<p><b>Other hazards that could be encountered when entering a fire-affected building are explained in accordance with the requirements of the fire service provider.</b></p>	
1.4	<p>The candidate identifies signs of building collapse are identified in accordance with the requirements of the fire service provider.</p> <p><b>Range:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> floors</li> <li><input type="checkbox"/> walls</li> <li><input type="checkbox"/> ceilings</li> <li><input type="checkbox"/> roof</li> </ul> <p><b>Did the candidate:</b></p> <p><input type="checkbox"/> Satisfy the requirements of the range?</p> <p><b>Assessor notes:</b></p>	<p><b>Signs of building collapse are identified in accordance with the requirements of the fire service provider.</b></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
<b>2</b>	<b>Implement tactics and enter a fire-affected building.</b>		
2.1	<p>The candidate selects suitable personal protective equipment and uses it in accordance with the SOPs.</p> <p><b>Did the candidate:</b></p> <p><input type="checkbox"/> Select and use suitable PPE?</p> <p><b>Assessor notes:</b></p>	<p><b>Suitable personal protective equipment is selected and used in accordance with the SOPs.</b></p>	
2.2	<p>The candidate ensures safety of the area is achieved before entry operations commence, by minimisation, isolation and/or elimination of hazards in accordance with the SOPs.</p> <p><b>Did the candidate:</b></p> <p><input type="checkbox"/> Achieve area safety before operations commence?</p> <p><b>Assessor notes:</b></p>	<p><b>Safety of the area is achieved before entry operations commence, by minimisation, isolation and/or elimination of hazards in accordance with the SOPs.</b></p>	
2.3	<p>The candidate ensures entry is achieved in accordance with the SOPs.</p> <p><b>Range:</b></p> <p><input type="checkbox"/> non-destructive</p> <p><input type="checkbox"/> forcible entry</p> <p><b>Did the candidate:</b></p> <p><input type="checkbox"/> Satisfy the requirements of the range?</p> <p><b>Assessor notes:</b></p>	<p><b>Entry is achieved in accordance with the SOPs</b></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
<b>3</b>	<b>Select and use fire fighting equipment to suppress fire.</b>		
3.1	<p>The candidate selects correct equipment as directed in accordance with the SOPs.</p> <p><b>Did the candidate:</b></p> <p><input type="checkbox"/> Select correct equipment?</p> <p><b>Assessor notes:</b></p>	<b>Select correct equipment as directed in accordance with the SOPs.</b>	
3.2	<p>The candidate sets up a delivery system in accordance with the SOPs.</p> <p><b>Range:</b></p> <p><input type="checkbox"/> hose <input type="checkbox"/> branch <input type="checkbox"/> other waterway equipment</p> <p><b>Did the candidate:</b></p> <p><input type="checkbox"/> Satisfy the requirements of the range?</p> <p><b>Assessor notes:</b></p>	<b>Delivery system is set up in accordance with the SOPs</b>	
3.3	<p>The candidate determines operating pressure for the device in accordance with the SOPs.</p> <p><b>Range:</b></p> <p><input type="checkbox"/> branch <input type="checkbox"/> friction loss <input type="checkbox"/> extinguishing tactics</p> <p><b>Did the candidate:</b></p> <p><input type="checkbox"/> Satisfy the requirements of the range?</p> <p><b>Assessor notes:</b></p>	<b>Operating pressure for the device is determined in accordance with the SOPs.</b>	

<b>Element and PC</b>	<b>Evidence Typical answer/product/performance expected from the learner/candidate(s)</b>	<b>Judgement Statement (A statement that defines the standard to be achieved)</b>	<b>Result C/NYC</b>
3.4	<p>The candidate operates branch controls in accordance with the SOPs.</p> <p><b>Range:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> jet</li> <li><input type="checkbox"/> spray</li> <li><input type="checkbox"/> flow rate</li> <li><input type="checkbox"/> on</li> <li><input type="checkbox"/> off</li> <li><input type="checkbox"/> controls</li> </ul> <p><b>Did the candidate:</b></p> <p><input type="checkbox"/> Satisfy the requirements of the range?</p> <p><b>Assessor notes:</b></p>	<b>Branch controls are operated in accordance with the SOPs.</b>	
3.5	<p>The candidate ensures the fire is contained and suppressed in accordance with the SOPs.</p> <p><b>Range:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> point of entry</li> <li><input type="checkbox"/> direction of attack</li> <li><input type="checkbox"/> effective use of extinguishing agent</li> </ul> <p><b>Did the candidate:</b></p> <p><input type="checkbox"/> Satisfy the requirements of the range?</p> <p><b>Assessor notes:</b></p>	<b>Fire is contained and suppressed in accordance with the SOPs.</b>	
3.6	<p>Communications are maintained in accordance with the SOPs</p> <p><b>Did the candidate:</b></p> <p><input type="checkbox"/> Maintain communications as per SOPs?</p> <p><b>Assessor notes:</b></p>	<b>Communications are maintained in accordance with the SOPs</b>	
3.7	<p>Fire is extinguished in accordance with the SOPs.</p> <p><b>Range:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> turnover</li> <li><input type="checkbox"/> re-ignition</li> </ul> <p><b>Did the candidate:</b></p> <p><input type="checkbox"/> Satisfy the requirements of the range?</p> <p><b>Assessor notes:</b></p>	<b>Fire is extinguished in accordance with the SOPs.</b>	

<b>Element and PC</b>	<b>Evidence Typical answer/product/performance expected from the learner/candidate(s)</b>	<b>Judgement Statement (A statement that defines the standard to be achieved)</b>	<b>Result C/NYC</b>
3.8	<p>Incident area is protected from loss and degradation of possible evidence in accordance with the SOPs.</p> <p><b>Did the candidate:</b></p> <p><input type="checkbox"/> Protect incident area in line with SOPs?</p> <p><b>Assessor notes:</b></p>	<p><b>Incident area is protected from loss and degradation of possible evidence in accordance with the SOPs.</b></p>	
3.9	<p>Fire scene evidence is observed from a range of sources in accordance with the SOPs.</p> <p>Evidence is required from a minimum of three sources.</p> <p><b>Range:</b></p> <p><input type="checkbox"/> physical evidence relating to fire behaviour</p> <p><input type="checkbox"/> and/or fire scene</p> <p><input type="checkbox"/> and/or surroundings</p> <p><input type="checkbox"/> and/or witness evidence</p> <p><input type="checkbox"/> and/or area of origin</p> <p><b>Did the candidate:</b></p> <p><input type="checkbox"/> Satisfy the requirements of the range?</p> <p><b>Assessor notes:</b></p>	<p><b>Fire scene evidence is observed from a range of sources in accordance with the SOPs.</b></p>	

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4	<b>Perform support crew duties.</b>		
4.1	<p>Hose is advanced and replaced in accordance with the SOPs</p> <p><b>Did the candidate:</b></p> <p><input type="checkbox"/> Advance and replace hose in line with SOPs?</p> <p><b>Assessor notes:</b></p>	<p><b>Hose is advanced and replaced in accordance with the SOPs</b></p>	
4.2	<p>Back up support is provided to the branch operator in accordance with the SOPs.</p> <p><b>Range:</b></p> <p><input type="checkbox"/> brace</p> <p><input type="checkbox"/> observe</p> <p><input type="checkbox"/> communication</p> <p><input type="checkbox"/> additional equipment</p> <p><b>Did the candidate:</b></p> <p><input type="checkbox"/> Satisfy the requirements of the range?</p> <p><b>Assessor notes:</b></p>	<p><b>Back up support is provided to the branch operator in accordance with the SOPs.</b></p>	