



## Learner Assessment Guide Unit Standard 20392 Protect and preserve a fire scene (Level 3, Credit 4, Version 1)

### 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>

**Descriptors:**

Credit 4 - will require approximately 30 - 36 hours of learning, practice or experience and assessment for a person with no previous knowledge or experience.

Version 1 - This document has been prepared based on version 1 of the Unit Standard.

**Elements:**

1. Demonstrate knowledge of fire scene preservation.
2. Gather evidence for the purpose of supporting fire investigation.
3. Secure the fire-affected scene.

**Prerequisites:**

Open

**Assessment Conditions:**

Assessment against this unit standard may take place under real or practical simulated conditions.

**Resources:**

1. Fire affected building
2. Staff to assist
3. Firefighting and overhaul equipment

**Special Notes:**

Compliance with the providers Health and Safety policy and procedures in mandatory.

Assessment against this unit standard may take place under real or simulated conditions.

Legislation that applies to this unit standard is the Fire Service Act 1975 and subsequent amendments.

*Fire and rescue service provider's requirements or Standard Operating Procedures (SOPs) refer to policies and procedures on*

safety and operation set down by each fire and rescue service employer or host organisation.

**Assessment Brief Instructions:**

The assessor may use pre-course, on course, post course or workplace written or oral assessments or self tests as evidence towards gaining the knowledge based components of this unit, including any tests or practice completed towards the achievement of the pre-requisite units. The assessor will also take account of demonstrated competency through the practical use of equipment in a simulated or real incident environment. The assessor will evaluate the relevance of the evidence against the unit standard. The lists below provide an outline of the assessment components a learner should expect to demonstrate in achieving this unit.

**This Learner Assessment Guide is simply a guide and does not determine the sufficiency or validity of evidence the assessor will evaluate using assessment best practice criteria.**

**LEARNERS SHOULD ALWAYS REVIEW THE REQUIREMENTS CONTAINED IN THE UNIT STANDARD DOCUMENT PRIOR TO REQUESTING ASSESSMENT.**

**Assessing Element 1: Demonstrate knowledge of fire scene preservation.**

The candidate ensures legislative requirements for protecting a fire scene are explained in accordance with the referenced legislation.

The candidate ensures actions to mitigate hazards when protecting a fire scene are explained in accordance with the SOPs. This includes:

- structural
- biological
- environmental
- utilities
- re-ignition

The candidate ensures actions and responsibilities for fire-fighting crew members are explained in terms of preservation of evidence in accordance with the SOPs.

This element will normally be assessed using written or oral questions.

**Assessing Element 2: Gather evidence for the purpose of supporting fire investigation.**

For this element candidates will undertake a primary fire investigation to complete the requirements of each performance criteria.

The candidate ensures identify and report evidence from a range of sources in accordance with the SOPs. This includes:

- physical evidence relating to fire behaviour
- and/or fire site
- and/or surroundings
- and/or witness evidence
- Witness statements
- Fire travel patterns (internal and external)
- Depth of char
- Sign of hydrocarbon
- Colour of flame and/or smoke
- Speed of fire growth
- Occupants statement of actions prior to, during and following the fire incident
- Electrical wires, contacts, switches or appliances of interest
- Physical evidence in the area of origin such as fuel cans, matches, cigarette butts etc.

The candidate ensures the area of origin is located from available evidence relating to the behaviour of smoke and the effect on burnt and fire-damaged material in accordance with the SOPs.

Candidates will identify probable evidence and report this in accordance with SOP's. Probable evidence may include but is not limited to:

Candidates will explain the term "Evidence in Chief"

Candidates will report their findings of evidence to a specialist fire investigation officer. This report will take the form of written and verbal statements.

While working through the process of elimination to determine the area of origin candidates will explain what the different items of fire behaviour evidence as presented suggest in terms of fire travel/intensity.

Candidates will identify an area of origin and state the rationale to their finding.

This element will normally be assessed using practical demonstration but may include written or oral questions of some performance criteria.

### **Assessing Element 3 Secure the fire-affected scene.**

The candidate ensures restricted entry to the fire affected building is implemented in accordance with the SOPs.

The candidate ensures the fire scene is protected for fire investigation in accordance with the SOPs.

The candidate ensures the building is secured against weather and non-authorized entry in accordance with the SOPs.

Candidates will establish security of a fire affected building to restrict entry to authorised personnel only.

Candidates will take action to protect the fire scene awaiting the attendance of a specialist fire investigation officer.

Candidates will secure the building from the elements of weather and/or unauthorised entry.

This element will normally be assessed using practical demonstration but may include oral questions of some performance criteria.