



Fire & Rescue Services ITO

Assessor Assessment Guide Unit Standard 3289 Carry out ignition at prescribed vegetation burning operations (Level 3, Credit 1, 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 knowledge of the techniques, equipment and safe practices used when lighting up a prescribed burn and follow a burn plan to light up.

This assessment must take place at a real prescribed burn.

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 demonstrated knowledge of assessing a burn area, light up techniques, and operation of lighting up equipment, and ignited prescribed burns 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:

Candidate must hold Unit Standard 3285, *Demonstrate knowledge of protection of personal safety at vegetation fires*, before this unit can be registered on their NZQA record of learning.

Candidates must hold Unit Standard 3285 before participating in activities on the fire ground.

Assessor can seek assistance of FRSITO moderator who may conduct spot moderation and assist with pre-planning.

Check practice notes to ensure any additional criteria are considered.

http://www.frsito.org.nz/assessors/resources/Practice_notes.html

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

Level Descriptor

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

	Information or actions that may provide support for competency	
General	Has the candidate: <ul style="list-style-type: none"> <input type="checkbox"/> Hold unit standard 3285? <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	Demonstrate knowledge of vegetation burning operations.		
1.1	Candidate must explain the burning plan and command structure to be used. Did the candidate: <ul style="list-style-type: none"> <input type="checkbox"/> Explain burning plan and command structure? Assessor notes:	Burning plan and command structure explained.	

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>Candidate must explain the responsibilities and tasks assigned at the burning operation, these must comply with the burning plan.</p> <p>Did the candidate:</p> <p><input type="checkbox"/> Explain responsibilities and assigned tasks?</p> <p>Assessor notes:</p>	Responsibilities and tasks meet burn plan requirements.	
1.3	<p>Candidate must explain their assessment of the burn area and describe:</p> <p>Range:</p> <p><input type="checkbox"/> escape routes <input type="checkbox"/> assembly point <input type="checkbox"/> hazards <input type="checkbox"/> danger areas <input type="checkbox"/> communications</p> <p>Did the candidate:</p> <p><input type="checkbox"/> Explain range statements in terms of assessment of the burn area?</p> <p>Assessor notes:</p>	Burn area assessed and range statements explained.	

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
1.4	Candidate must describe various fire lighting processes. Range: <input type="checkbox"/> ignition point spacing <input type="checkbox"/> ring burning <input type="checkbox"/> strip lighting <input type="checkbox"/> central ignition <input type="checkbox"/> back burning Did the candidate: <input type="checkbox"/> Describe all techniques in range statement? Assessor notes:	All techniques described.	
1.5	Candidate must describe operation of lighting up equipment. Range: <input type="checkbox"/> igniters <input type="checkbox"/> drip torches <input type="checkbox"/> pressurised burners <input type="checkbox"/> backpack flame-throwers Did the candidate: <input type="checkbox"/> Describe operation of equipment to meet range statement? Assessor notes:	Operation of lighting up equipment described.	

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	Light up vegetative fuels at a prescribed vegetation burning operation.		
2.1	As part of a crew, candidate must demonstrate the light up in accordance with the burning plan. Did the candidate: <input type="checkbox"/> Demonstrate light up as required by burning plan? Assessor notes:	Light up conducted in accordance with burning plan.	

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>Candidate must demonstrate the correct use of protective equipment.</p> <p>Did the candidate:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Demonstrate correct use of required protective equipment? <p>Assessor notes:</p>	Protective equipment used.	
2.3	<p>Candidate must demonstrate safe working practices and lighting up techniques.</p> <p>Range:</p> <ul style="list-style-type: none"> <input type="checkbox"/> use of buddy system <input type="checkbox"/> burner re-fuelling precautions <input type="checkbox"/> awareness of escape route <input type="checkbox"/> monitoring fire behaviour with respect to own position <input type="checkbox"/> avoidance of danger areas <p>Did the candidate:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Demonstrate safe practices and lighting techniques to meet range statements? <p>Assessor notes:</p>	Safe practices and lighting techniques demonstrated.	
2.4	<p>Candidate must demonstrate the maintenance of communications with at least one other crew member throughout the lighting operation in accordance with the requirements of the burn plan and the fire and rescue service provider</p> <p>Did the candidate:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Maintain communications? <p>Assessor notes:</p>	Communications maintained.	