


Candidate name:		Feedback comments made to candidate as appropriate & Result (Green or Red)		G	R
 Assessment Tasks & Criteria ECC4 No critical red mistakes and max. 6 yellow errors to succeed!					
WINDBLOWN & DAMAGED TREE FELLING: ECC4 assesment on a real windblown site & with realistic tension forces Pre-requisite to ECC4 assessment: ECC3 Max. Time allowed 2hr - 2h30min					
ECS4-1	Take care of yourself (PPE) and others around you at work - Candidate to wear appropriate PPE for tree felling, sign RA & show ID:			G	R
1:01-1:04	Chainsaw safety trousers, chainsaw safety boots, eye & ear protection, safety helmet	c			
01:05	Gloves appropriate to task	r			
01:06	Non-snag outer clothing				
01:07	Personal /Squad First Aid Kit - on work site	r			
01:08	Whistle/Mobile/Radio				
ECS4-2	Planning the work including what to do in an emergency - Candidate to identify hazards relevant to the site and trees to be worked on:			G	R
02:01	Emergency planning - check information	r			
02:02	Method statement - verbal	r			
02:03	Risk Assessment – walk site, look and discuss	r			
ECS4-3	OPERATIONAL SAFETY CHECKS - Candidate checks chainsaw for condition/sharpness etc and pre-use safety:			G	R
3:01-3:07	Started and checked using safe and appropriate methods				
03:03	Function of chain brake tested, left hand guard and throttle lock	r			
ECS4-4	MEET LEGAL & SITE ENVIRONMENTAL REQUIREMENTS IN ACCORDANCE WITH NATIONAL STANDARDS - Candidate must check specifications:			G	R
04:01	Protection of fauna, flora, wildlife, waterways, site specifications etc, regards pollution/damage:	r			
04:02	Use bio-oils and alkylate fuel whenever possible				
04:03	Prevent waste or dispose of it without causing further damage, in accordance with the regulations, especially according to the standard for recyclable waste				
ECS4-5	CONSTANT SAFE AND ERGONOMIC SAWING POSITION AND METHOD - candidate must be able to perform all sawing operations in a safe and ergonomic manner, taking into account:			G	R
05:01	Right hand on the rear handle when sawing	c			
05:02	Left thumb always around top handle, head/neck are not allowed across of line of chain (unless checking the line of the cuts with bar tip in full view) when sawing	r			
05:03	Saw body not above shoulder height	c			
05:04	Chain brake used appropriately: according to national regulations, e.g. when walking with the engine running, if the saw has to be put down while moving cut material or before taking a hand off the saw	r			
05:05	Stable and ergonomic position	r			
05:06	Safe position to side of tree/stem in all activities	c			
ECS4-6	Candidate has to use reducing cuts and compression and tension cuts as appropriate, to sever a minimum of 3 root-plates: The candidate must restrain minimum one rootplate with a winch or other appropriate machinery (backward or forward weighted) using safe techniques:			G	R
06:01	Check risk to the candidate from the root-plates rolling or falling or the stems springing (including sideways), escape routes to be selected, prepared and used	c			
06:02	Identify tension and compression in stems and select severing methods	r			
06:03	Sever root-plate safely from stem under guide-bar length in diameter	r			
06:04	Sever root-plate safely from stem over guide-bar length in diameter	r			
06:05	Sever root-plate safely to retain a saw-log of appropriate length	r			
06:06	Ensure trees and root-plates are left in a safe and appropriate position and condition to enable subsequent operations	r			
06:07	Restrain a root plate with a winch using safe anchor point(s) and compatible winching components & ancillary equipment, or restrained with other appropriate suitable, stabilised machinery	r			

06:08	A plan of operations is agreed with winch or machine operator and full communication maintained	r		
06:09	Sever restrained root-plate safely using appropriate cuts (may be achieved as part of 3, 4 or 5 above)	r		
06:10	Ensure tree and root-plate are left safe, in appropriate position & condition	r		
06:11	Site left tidy & safe			
ECS4-7	Candidate must fell a minimum of one of the three options : either 1. A partially uprooted ('half-blown') tree; 2. Tree with a broken top (top attached); or 3. Tree with broken top (not attached) as chosen by the assessor			G R
7:A1	Trees Inspected for signs of decay, splitting, loose top / branches etc. & accurate evaluation of weight distribution	r		
7:A2	Remove debris, branches, climbing vegetation, scrub and other obstructions			
7:A3	Choice of felling direction made			
7:A4	Escape routes prepared and selected	c		
7:A5	A plan of operations is agreed to maintain safe working distances where machinery or winch is to be used	r		
	Candidate to fell a tree using appropriate technique, for example, 1.forward leaning tree cut with boring technique 2. Overlapping step cut, 3. "Double-V" cut, 4. "Split level" or 'Saved corner' cut, 5. Progressive notch cut or other recognized safe technique			G R
7B:1	Cutting technique chosen is appropriate to condition and aspect of tree			
7B:2	Appropriate aid tools or machinery used as required to assist felling			
7B:3	Checks site for specific safety conditions (including third parties) before the main felling cut started & shout verbal warning: no unauthorized persons within two tree lengths or directly below on steep slopes		c	
7B:4	Cutting technique used is appropriate to method chosen			
7B:5	Tree felled safely	r		
7B:6	The candidate fully uses a prepared escape route as soon as the tree begins to fall		c	

DATE & LOCATION:			
ASSESSMENT Time Start:	Time stop:	DURATION (min):	
CANDIDATE (PRINT NAME, ID NUMBER & SIGN):			
OVERALL RESULT:	COMPETENT	Not yet COMPETENT	nr.of WARNINGS:
Candidate comment on feedback and result:			
ASSESSOR (PRINT NAME, ID NUMBER & SIGN):			