


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 assessement 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	Chainsaw safety trousers	c				
1:02	Chainsaw safety boots	c				
1:03	Safety helmet	c				
1:04	Eye & ear protection	c				
1:05	Gloves appropriate to task					
1:06	Non-sag outer clothing					
1:07	Personal /Squad First Aid Kit - on work site	r				
1:08	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
2:01	Risk Assessment – walk site, look and discuss	r				
2:02	Method statement - verbal					
2:03	Emergency planning - check information					
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					
3:03	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
4:01	Protection of fauna, flora, wildlife, waterways, site specifications etc, regards pollution/damage:	r				
4:02	Use bio-oils whenever possible					
4:03	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	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
5:01	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				
5:02	Identify tension and compression in stems and select severing methods	r				
5:03	Sever root-plate safely from stem under guide-bar length in diameter	r				
5:04	Sever root-plate safely from stem over guide-bar length in diameter	r				
5:05	Sever root-plate safely to retain a saw-log of appropriate length	r				
5:06	Ensure trees and root-plates are left in a safe and appropriate position and condition to enable subsequent operations	r				
5:07	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				
5:08	A plan of operations is agreed with winch or machine operator and full communication maintained	r				
5:09	Sever restrained root-plate safely using appropriate cuts (may be achieved as part of 3, 4 or 5 above)	r				
5:10	Ensure tree and root-plate are left safe, in appropriate position & condition	r				
5:11	Site left tidy & safe					

ECS4-6	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
6:A1	Trees Inspected for signs of decay, splitting, loose top / branches etc. & accurate evaluation of weight distribution	r		
6:A2	Remove debris, branches, climbing vegetation, scrub and other obstructions			
6:A3	Choice of felling direction made			
6:A4	Escape routes prepared and selected	c		
6: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 sink cut or other recognized safe technique		G	R
6B:1	Safe stance & position of operator	r		
6B:2	Cutting technique chosen is appropriate to condition and aspect of tree			
6B:3	Appropriate aid tools or machinery used as required to assist felling			
6B:4	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		
6B:5	Cutting technique used is appropriate to method chosen			
6B:6	Tree felled safely	r		
6B:7	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):			