



















Candidate name:		Feedback comments made to candidate as appropriate &	
Assessment Criteria ECC 4		Result	  ✓
ECS 4: Windblown & Damaged Tree Techniques			
(Practical Test - Recommended time allowed 2hr – 2hr 30min) Pre-requisite: ECC3			
1. Take care of yourself (PPE) and others around you at work - Candidate to wear appropriate PPE, sign RA & show ID:			
N.B: The assessment cannot proceed if any of the PPE critical items are not worn:			
1. Chainsaw safety trousers	c		
2. Chainsaw safety boots	c		
3. Safety helmet	c		
4. Eye & ear protection	c		
5. Gloves appropriate to task			
6. Non-snag outer clothing			
7. Personal /Squad First Aid Kit - on work site	c		
8. Whistle/Mobile/Radio			 
2. Planning the work including what to do if there is an emergency - Candidate to identify hazards relevant to the site and trees:			
1. RISK ASSESSMENT - walk site	c		
2. METHOD STATEMENT – verbal			
3. EMERGENCY PLANNING - check information			 
3. Operational safety checks (chainsaw ON) - Candidate to check chainsaw for condition/sharpness and pre-use safety:			
1.-7. Started and checked using safe and appropriate methods	(a)		 
4. Meet legal & site environmental requirements in accordance with national standards: Candidate to check specifications			
1. Protection of fauna, flora, wildlife, waterways, site specifications etc., regarding pollution/damage:	c		 
5. SEVER TREE ROOT-PLATES BOTH UNDER & OVER GUIDE BAR DIAMETER USING APPROPRIATE CUTS - Candidate to demonstrate reducing cuts and compression and tension cuts as appropriate, - to sever a minimum of 3 root-plates: The candidate must restrain one with a winch or other appropriate machinery (backward or forward weighted) using safe techniques:			
1. Check risk to the operator from the root-plates rolling or falling or the stems springing (including sideways)			
2. Identify tension and compression in stems and select severing methods	c		
3. Sever root-plate safely from stem under guide-bar length in diameter	c		
4. Sever root-plate safely from stem over guide-bar length in diameter	c		
5. Sever root-plate safely to retain a saw-log of appropriate length	c		
6. Ensure trees and root-plates are left in a safe and appropriate position and condition to enable subsequent operations	c		
7. 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	c		
8. A plan of operations is agreed with winch or machine operator and full communication maintained	c		
9. Sever restrained root-plate safely using appropriate cuts (may be achieved as part of 3, 4 or 5 above)	c		
10. Ensure tree and root-plate are left safe, in appropriate position & condition	c		
11. Site left tidy & safe	c		 
6A. PREPARE THE SITE & FELL A DAMAGED TREE - The candidate must fell a minimum of <u>one</u> 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:			
1. Trees Inspected for signs of decay, splitting, loose top / branches etc. & accurate evaluation of weight distribution	c		
2. Remove debris, branches, climbing vegetation, scrub and other obstructions			
3. Choice of felling direction made			
4. Escape routes prepared and selected	c		
5. A plan of operations is agreed to maintain safe working distances where machinery or winch is to be used	c		 

Appendix 3 Score Sheets Dec. 2014

Candidate name:		Feedback comments made to candidate as appropriate &	
Assessment Criteria ECC 4		Result	  ✓
Fell a damaged tree (continued)			
6B. 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			
1. Safe stance & position of operator	c		
2. Cutting technique chosen is appropriate to condition and aspect of tree			
3. Appropriate aid tools or machinery used as required to assist felling	c		
4. Site check for safety before the main felling cut completed & shout verbal warning	c		
5. Cutting technique used is appropriate to method chosen			
6. Tree felled safely	c		
7. Use a prepared escape route as soon as the tree begins to fall, not losing sight of tree	c		

DATE & LOCATION:		
ASSESSMENT DURATION (min):		
CANDIDATE NAME (PRINT & sign):		
OVERALL RESULT:	Not Yet Competent (Critical faults or cumulative minor faults not corrected) 	Competent (Any minor faults corrected during assessment) 
Candidate comment on feedback and result:		
ASSESSOR (PRINT NAME, ID NUMBER & SIGN):		