


Candidate name:		Feedback comments made to candidate as appropriate & Result (Green or Red)		G	R
 <b>Assessment Tasks &amp; Criteria ECC2</b> <b>No critical red mistakes and max. 5 yellow errors to succeed!</b>					
<b>BASIC FELLING: RECOMMENDED GUIDE BAR SIZE 30-38cm, trees on felling height under guide bar length.</b> Pre-requisite to ECC2 assessment: ECC1				Max. Time allowed - <b>60min</b>	
ECS2-1	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				
ECS2-2	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				
ECS2-3	OPERATIONAL SAFETY CHECKS - Candidate checks chainsaw for condition/sharpness etc and pre-use safety:			G	R
3:01	Cold/Warm start method (ground/'leg lock')				
3:02	Safe start distance from fuel (min.1m or greater according to national guidance, no spillage, gases released)				
3:03	Function of chain brake tested, left hand guard and throttle lock	r			
3:04	Saw checked for oiling (e.g. oil throw test or oil present on drive links)				
3:05	Chain not moving when throttle released (no chain creep)				
3:06	On/off switch is working (pull choke to stop if not, then label not to be used)				
3:07	Chain tension 'warm' re-checked				
ECS2-4	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				
ECS2-5	PREPARE THE TREE FOR FELLING BY SAFE BRASHING - Candidate must remove low branches considering:			G	R
5:01	Correct "break-in"				
5:02	Position of the saw in relation to the operator, bar on opposite side of stem or out of line of head/neck and body	c			
5:03	Saw body not above shoulder height	c			
5:04	Operating technique				
5:05	Brashing close to the stem				
ECS2-6	Fell a minimum of 2 trees in a safe and ergonomic way - Candidate has to fell two different types of tree: either upright or backward weighted or forward weighted. (Randomly chosen for the candidate from pre-marked trees). One tree should be hung-up. ( this can be an additional tree )				
	TREE 1, Description: (circle)	Upright	Backward weighted	Forward weighted	G R
6A:1	Trees Inspected for signs of rot or decay, loose branches & accurate evaluation of weight distribution	r			
6A:2	Correct choice of felling direction made				
6A:3	Escape routes selected and prepared	r			

	Candidate to cut a sink/notch to determine felling direction using:			G	R
6B:1	Safe stance				
6B:2	Top sink cut normally between 45-60°				
6B:3	Bottom sink cut as close to ground as practicable (unless site criteria is different)				
6B:4	Cuts 20-30% into stem unless tree condition dictates otherwise				
6B:5	Sink cuts to meet accurately (not undercut).	r			
6B:6	Sink facing in the chosen direction of fall	r			
6B:7	Chain brake as appropriate				
	Candidate to make the main felling cut/s using a safe and effective felling method (e.g. a standard cut; a 'split-level' cut; a "boring cut" technique leaving rear hold; "Danish" / 'saved corner' cut; or any other cut) appropriate to the aspect of the tree.			G	R
6C:1	Correct felling method chosen for the particular aspect of the tree	r			
6C:2	Safe stance				
6C:3	"Ears" cut to avoid tearing, where appropriate				
6C: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		
6C:5	Main felling cut no more than 10% of tree diameter above level of sink				
6C:6	Felling cuts made with "pushing chain" or "pulling" chain as appropriate				
6C:7	Safe withdrawal of the saw and chain brake used as appropriate				
6C:8	A hinge retained appropriate to the tree diameter, aspect and condition		c		
6C:9	Appropriate aid tools as required to fell tree				
6C:10	The operator fully uses a prepared escape route as soon as the tree begins to fall		c		
6C:11	Look up and check for loose branches, tops etc.				
	TREE 2, Description: (circle) Upright Backward weighted Forward weighted			G	R
6A:1	Trees Inspected for signs of rot or decay, loose branches & accurate evaluation of weight distribution	r			
6A:2	Correct choice of felling direction made				
6A:3	Escape routes selected and prepared	r			
	Candidate to cut a sink/notch to determine felling direction using:			G	R
6B:1	Safe stance				
6B:2	Top sink cut normally between 45-60°				
6B:3	Bottom sink cut as close to ground as practicable (unless site criteria is different)				
6B:4	Cuts 20-30% into stem unless tree condition dictates otherwise				
6B:5	Sink cuts to meet accurately (not undercut). Sink facing in the chosen direction of fall . Sink facing in the chosen direction of fall	r			
6B:6	Sink facing in the chosen direction of fall				
6B:7	Chain brake as appropriate				
	Candidate to make the main felling cut/s using a safe and effective felling method (e.g. a standard cut; a 'split-level' cut; a "boring cut" technique leaving rear hold; "Danish" / 'saved corner' cut; or any other cut) appropriate to the aspect of the tree.			G	R
6C:1	Correct felling method chosen for the particular aspect of the tree	r			
6C:2	Safe stance				
6C:3	"Ears" cut to avoid tearing, where appropriate				
6C: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		

6C:5	Main felling cut no more than 10% of tree diameter above level of sink		
6C:6	Felling cuts made with "pushing chain" or "pulling" chain as appropriate		
6C:7	Safe withdrawal of the saw and chain brake used as appropriate		
6C:8	<b>A hinge retained appropriate to the tree diameter, aspect and condition</b>	c	
6C:9	Appropriate aid tools as required to fell tree		
6C:10	<b>The operator fully uses a prepared escape route as soon as the tree begins to fall</b>	c	
6C:11	Look up and check for loose branches, tops etc.		
ECS2-7	<b>REMOVE BRANCHES IN A SAFE &amp; ERGONOMIC WAY</b> - Safe working practice will include:		G R
7A:1	Correct stance and support of the saw on tree and/or right leg		
7A:2	Left thumb around the front handle		
7A:3	Neither handle released while the chain is moving		
7A:4	<b>Apply chain brake if reaching across bar and when negotiating obstacles</b>	r	
	Candidate must to avoid:		G R
7A:5	Walking when saw is on same side of tree as operator		
7A:6	Reaching too far round with saw on far side of tree		
7A:7	<b>Cutting towards legs or body</b>	r	
7A:8	<b>Using kick-back zone on tip of guide bar</b>	r	
7A:9	Overreaching with chainsaw		
7A:10	Straddling the stem		
7A:11	Working on lower side of tree on side slopes		
	Candidate to demonstrate:		G R
7B:1	Systematic sequence of cuts and position of the saw to remove branches as appropriate for the branching habit		
7B:2	All branches removed flush with the stem		
	Candidate to remove the top of the tree in accordance with site specifications:		G R
7C:1	Cut top at appropriate diameter		
7C:2	Remove top with a safe method of cutting		
7C:3	Dispose of top according to Job Specification		
	Candidate to turn tree and remove 'under' branches:		G R
7D:1	The stem turned using appropriate techniques &/or aid tools		
7D:2	Using the stem for protection when removing remaining branches		
7D:3	Using a safe and effective method to sever remaining branches		
7D:4	All branches removed flush with the stem		
ECS2-8	<b>TAKE DOWN A HUNG-UP TREE IN A SAFE &amp; ERGONOMIC WAY (without a winch)</b> : Safe working practice will include:		
	Chainsaw operator must be able to partially sever the hinge of hung-up tree with the chainsaw using:		G R
8A:1	Correct stance		
8A:2	<b>Safe position to side of tree</b>	r	
8A:3	Safe cutting technique for removal of the hinge, leaving part(s) of hinge attached as appropriate to take down method utilised		
	Chainsaw operator must be able to take down the tree using hand tools:		G R
8B:1	Aid tool positioned and attached safely & effectively		
8B:2	Straight back		
8B:3	Correct pushing/pulling technique as appropriate		
8B:4	Correct grip		
8B:5	Repositioning aid tool as appropriate		
8B:6	<b>Method applied avoids working in danger areas and/or with indiscriminate techniques</b>	r	
8B:7	Release of aid tool as tree falls		
8B:8	Use escape route(s) as appropriate		
8B:9	If tree does not fall through the canopy when rolled, sever last part of the hinge from a safe position & 'walk down' e.g. wooden pole, using correct lifting technique		
8B:10	Tree in a stable condition on the ground, mechanical (e.g. winch) takedown arranged, or tree clearly taped off as a hazard if necessary		
8B:11	Site left safe & tidy		

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