

Assessment Criteria ECC2		Feedback comments to candidate & Result v/x
BASIC FELLING: RECOMMENDED GUIDE BAR SIZE 12"-15" (30-38cm) Max. Time Allowed – 1hr 30min		
1. Take care of yourself (PPE) and others around you at work - Candidate to wear appropriate PPE, sign RA & show ID:		
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 to be worked on:		
1. RISK ASSESSMENT - walk site		
2. METHOD STATEMENT – verbal		
3. EMERGENCY PLANNING		
3. Operational safety checks (chainsaw ON) - Candidate to check chainsaw for condition/sharpness and pre-use safety:		
1. Cold/Warm start method (ground/'leg lock')		
2. Safe start distance from fuel (min.1m, no spillage, gases released)		
3. Chain brake tested with saw running	c	
4. Saw checked for oiling (e.g. oil throw test or oil present on drive links)		
5. Chain not moving when throttle released (no chain creep)		
6. On/off switch is working (pull choke to stop if not, then label not to be used)		
7. Chain tension 'warm' re-checked		
4. Meet legal & site environmental requirements in accordance with national standards		
1. Protection of fauna, flora, wildlife, waterways, site specifications etc, regards pollution/damage:	c	
5. Prepare the tree for felling by safe brashing - Candidate to remove low branches considering:		
1. Correct "break-in"		
2. Position of the saw in relation to the operator, bar on opposite side of stem or out of line with head/neck/body		
3. Saw body not above shoulder height	c	
4. Operating technique		
5. Brashing close to the stem as appropriate to the situation		
6. Fell a minimum of 3 trees in a safe and ergonomic way - Candidate to fell an upright tree & a backward weighted tree:		
1. Tree Inspected for signs of rot/loose branches/weight distribution and selection of fuel storage	c	
2. Choice of felling direction made		
3. Escape route(s) prepared and selected	c	
Candidate to cut a sink to determine felling direction, using:		
1. Safe stance		
2. Top sink cut normally between 45-60°		
3. Bottom sink cut as close to ground as practicable		
4. Cuts 20-30% into stem unless RA dictates otherwise		
5. Sink cuts to meet accurately		
6. Sink facing in the chosen direction of fall	c	
7. Chain brake as appropriate		
Candidate to make the main felling cut/s made using:		
1. Safe stance		
2. "Ears" cut at appropriate depth and height to avoid tearing as appropriate		
3. Main felling cut no more than 10% of tree diameter above level of sink		
4. "Pushing chain" or "pulling" chain as appropriate		
5. Safe withdrawal of the saw		
6. Chain brake as appropriate		
7. A hinge retained no less than 10% tree diameter at felling height unless the RA dictates otherwise		
8. Appropriate aid tools as required to fell tree		
9. Site check for safety before the main felling cut completed & shout verbal warning		
10. Use a prepared escape route as soon as the tree begins to fall, not losing sight of tree	c	
Candidate to fell a tree which is forward weighted:		
1. Determine felling method and safe working zones		
2. Select and prepare escape route(s)	c	

3. Prepare a sink of the correct dimensions		
4. Felling cuts made using a safe and effective felling method (e.g. a "boring cut" technique leaving rear hold-/ "Danish" cut etc)	c	
5. A hinge & rear hold is retained of adequate dimensions		
6. The rear hold is severed in the correct manner		
7. Appropriate aid tools are used safely if required to fell tree		
8. A prepared escape route is used as soon as the tree begins to fall	c	
9. Site checked for safety before tree has fallen-shout verbal warning		
7. Remove branches & crosscut stems in a safe and ergonomic way		
Safe Working Practice will include:		
1. Correct stance and support of the saw on tree and/or right leg		
2. Left thumb around the front handle		
3. Neither handle released while the chain is moving		
4. Apply chain brake if reaching across bar	c	<input type="checkbox"/>
5. Apply chain brake when negotiating obstacles		
Candidate to Avoid:		
6. Walking when saw is on same side of tree as operator		
7. Reaching too far round with saw on far side of tree		
8. Cutting towards legs or body	c	
9. Using tip of guide bar	c	
10. Overreaching with chainsaw		<input type="checkbox"/>
11. Straddling the stem		
12. Working on lower side of tree on side slopes		<input type="checkbox"/>
Candidate to demonstrate:		
1. Systematic sequence of cuts and position of the saw to remove branches as appropriate for the branching habit		<input type="checkbox"/>
2. All branches removed flush with the stem		
Candidate to remove the top of the tree in accordance with site specifications		
1. Cut top at appropriate diameter		<input type="checkbox"/>
2. Remove top with a safe method of cutting		
3. Dispose of top according to Job Specification		
8. Take down a hung up tree in a safe & ergonomic way WITHOUT a winch		
Candidate to partially sever the hinge of hung-up tree with the chainsaw using:		
1. Correct stance		
2. Safe position to side of tree	c	
3. Safe cutting technique for removal of the hinge, leaving part(s) of hinge attached as appropriate to take down method utilised		<input type="checkbox"/>
4. Safe withdrawal of the saw		
Candidate to take down the tree using hand tools:		
1. Aid tool positioned and attached safely & effectively		
2. Straight back		
3. Correct pushing/pulling technique as appropriate		
4. Correct grip		
5. Repositioning aid tool as appropriate		
6. Method applied avoids working in danger areas	c	
7. Release of aid tool as tree falls		
8. Use escape route(s) as appropriate.		
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	c	<input type="checkbox"/>
10. Tree in a stable condition on the ground, mechanical takedown arranged, or tree clearly taped off as a hazard if necessary		<input type="checkbox"/>
11. Site left safe & tidy		

DATE & LOCATION:					
ASSESSMENT DURATION (min):					
CANDIDATE NAME (PRINT & sign):					
Candidate Comment					
OVERALL RESULT:	Competent	<input type="checkbox"/>	Not Yet Competent	<input type="checkbox"/>	
GRADE(circle):	A+ (Excellent)	A (Very good)	B (Good)	C (Pass)	F (Fail)
ASSESSOR ID (PRINT & sign):					