


Candidate name:		Feedback comments made to candidate as appropriate & Result (Green or Red)	
 Assessment Tasks & Criteria ECC1 No critical red mistakes and max. 3 yellow errors to succeed!		<div style="display: flex; justify-content: space-between; align-items: center;"> G R </div>	
CHAINSAW MAINTENANCE & CROSS-CUTTING: RECOMMENDED GUIDE BAR SIZE 30-38cm <u>Pre-requisite to ECC1 assessment:</u> none <u>Max. Time allowed - 60min</u> Using a battery chainsaw is permitted. Apart from sharpening, which can be conducted on battery chainsaw, all other maintenance must be conducted on two-stroke chainsaw. Candidates need to demonstrate knowledge and basic practical skills of operating two-stroke chainsaws (assessor can provide one).			
ECS1-1		Take care of yourself (PPE) and others around you at work - Candidate to wear appropriate <u>PPE for maintenance</u> , sign RA & show ID:	
1:01		Safety boots	c
1:02		Eye protection as required if using compressed air or machine sharpening	r
1:03		Personal /Squad First Aid Kit - on <u>every</u> work site	r
1:04		Gloves appropriate to task	r
ECS1-2		Routine / daily chainsaw maintenance	
		Candidate to <u>check function</u> of safety features: (chainsaw off)	G
2A:1		Chain brake	c
2A:2		Anti-vibration mounts	
2A:3		Safety chain	
2A:4		Throttle lock	c
2A:5		Chain catcher	c
2A:6		Right hand guard	
2A:7		Left hand guard	c
2A:8		Chain/Bar cover	
2A:9		Clearly marked on/off switch	
		Candidate to <u>sharpen whole</u> saw chain (ass. provides blunt chain if needed):	G
2B:1		Chain checked for damage and compatibility with bar and sprockets	
2B:2+3+4		Technically correct sharpening (proper tools and method)	r
2B:5		Height and profile of depth gauges checked / set	r
		Candidate to <u>maintain guide bar</u> (assessor to provide samples if guide bar already in good condition):	G
2C:1		Straightness of bar checked	
2C:2		Identify uneven/damaged/blued/cracked rails	r
2C:3		Burrs removed and edges chamfered/curved	
2C:4		Groove (depth checked) and oil holes cleared	
2C:5		Sprocket nose greased if applicable	
2C:6		Bar turned to reduce wear	
2D:1		Drive sprocket and drive link inspected (for damage / limits of sprocket wear)	G
2D:2		Inspect and clean (as possible) and check the function of the chain brake (what procedure should be undertaken if damaged?)	r
2D:3		Re-assemble chain, bar and side plate (Assessor to check tension & side nuts)	r
2E:1/2		Air filter cleaned/inspected: Candidate to: Remove debris from around filter and clean filter protecting carburettor intake	
		'Periodic / weekly Maintenance: items checked (or examples provided by assessor are checked)	
2F:1/2/3		Starter recoil cleaned/ inspected/ tensioned	G
ECS1-3		Take care of yourself (PPE) and others around you at work - Candidate to wear appropriate <u>PPE for crosscutting</u>	
3:01+3:02		Chainsaw safety trousers, chainsaw safety boots, eye & ear protection, safety helmet according LMRA	c
3:03+3:04			
3:05		Gloves appropriate to task	r
3:06		Non-sag outer clothing	
3:07		Whistle/Mobile/Radio	
		Planning the work including what to do in an emergency - Candidate to identify hazards relevant to the site and timber to be cut:	G

3:08	RISK ASSESSMENT - walk site, METHOD STATEMENT – verbal, EMERGENCY PLANNING - check information	r	
ECS1-4	Operational safety checks (chainsaw ON) - (Still applicable if battery chainsaw is used for cross-cutting) - Candidate to check chainsaw for condition/sharpness and pre-use safety:		G R
4:01	Cold/Warm start method (ground/'leg lock')		
4:02	Safe start distance from fuel (min.1m, no spillage, gases released)		
4:03	Function of chain brake tested, left hand guard and throttle lock	r	
4:04	Saw checked for oiling (e.g. oil throw test or oil present on drive links)		
4:05	Chain not moving when throttle released (no chain creep)		
4:06	On/off switch is working (pull choke to stop if not, then label not to be used)		
4:07	Chain tension 'warm' re-checked		
ECS1-5	Meet legal & site environmental requirements in accordance with national standards - Candidate must check specifications		G R
5:01	Protection of fauna, flora, wildlife, waterways, site specifications etc, regards pollution/damage, selection of fuel storage:	r	
5:02	Use bio-oils and alkylate fuel whenever possible		
5:03	Prevent waste or dispose of it without causing further damage, in accordance with the regulations, especially according to the standard for recyclable waste		
ECS1-6	Inspect timber and use safe crosscut methods		G R
	Candidate to crosscut timber under guide bar length, according to the measurements given, with some moderate tension & compression present: A minimum of 10 cross cuts need to be demonstrated to standard using both upper & lower side of the guide bar, including a minimum of 2 vertical boring cuts		
6:01	Walk site, check timber		
6:02	Safe stance and well balanced (e.g. situation with side tension)	r	
6:03	Right hand always on the rear handle when sawing	c	
6:04	Bar aligned to maintain accuracy (cut at a right angle)		
6:05	Head/neck are not allowed across of line of chain (unless checking the line of the cuts with bar tip in full view)	r	
6:07	Left thumb around top handle when sawing	r	
6:08+6:09	Handling of the saw: Sequence of cuts is made to avoid saw becoming trapped or uncontrolled timber movement or splitting or to avoid kickback and including boring techniques	r	
6:10	Tension and compression cuts should meet		
6:11	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	
6:13	Ergonomics: straight back, use of legs to control saw, bending at knees		
ECS1-7	Select and use appropriate aid tools - Candidate to demonstrate use of appropriate aids to handle / move products:		
7:01	Correct stance during lifting		
7:02	Avoiding excessive lifting by levering, sliding, rolling etc		
7:03	Site left tidy & safe		

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):