


Candidate name:		Feedback comments made to candidate as appropriate & Result (Green or Red)		G	R
 Assessment Tasks & Criteria ECC1 No critical red mistakes and max. 3 yellow errors to succeed!					
CHAINSAW MAINTENANCE & CROSS-CUTTING: RECOMMENDED GUIDE BAR SIZE 30-38cm <u>Pre-requisite to ECC1 assessment: none</u> <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 PPE for maintenance, sign RA & show ID:			G	R
01:01	Safety boots	c			
01:02	Eye protection as required if using compressed air or machine sharpening	r			
01:03	Personal /Squad First Aid Kit - on every work site	r			
01:04	Gloves appropriate to task	r			
ECS1-2	Routine / daily chainsaw maintenance				
	Candidate to <u>check function</u> of safety features: (chainsaw off)			G	R
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 saw chain</u> (ass. provides blunt chain if needed):			G	R
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	R
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	R
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	R
ECS1-3	Take care of yourself (PPE) and others around you at work - Candidate to wear appropriate PPE for crosscutting			G	R
3:01+3:02	Chainsaw safety trousers, chainsaw safety boots, eye & ear protection, safety helmet according LMRA	c			
3:03+3:04					
03:05	Gloves appropriate to task	r			
03:06	Non-sag outer clothing				
03:07	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	R
03:08	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
04:01	Cold/Warm start method (ground/'leg lock')			
04:02	Safe start distance from fuel (min.1m, no spillage, gases released)			
04:03	Function of chain brake tested, left hand guard and throttle lock	r		
04:04	Saw checked for oiling (e.g. oil throw test or oil present on drive links)			
04:05	Chain not moving when throttle released (no chain creep)			
04:06	On/off switch is working (pull choke to stop if not, then label not to be used)			
04:07	Chain tension 'warm' re-checked			
ECS1-5	Meet legal & site environmental requirements in accordance with national standards		G	R
05:01	Protection of fauna, flora, wildlife, waterways, site specifications etc, regards pollution/damage, selection of fuel storage:	r		
05:02	Use bio-oils and alkylate fuel whenever possible			
05:03	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			
06:01	Walk site, check timber			
06:02	Safe stance and well balanced (e.g. situation with side tension)	r		
06:03	Right hand always on the rear handle when sawing	c		
06:04	Bar aligned to maintain accuracy (cut at a right angle)			
06:05	Head/neck are not allowed across of line of chain (unless checking the line of the cuts with bar tip in full view)	r		
06:07	Left thumb around top handle when sawing	r		
06:08+06:09	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		
06:10	Tension and compression cuts should meet			
06:11	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		
06:13	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:		G	R
07:01	Correct stance during lifting			
07:02	Avoiding excessive lifting by levering, sliding, rolling etc			
07:03	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):			