Assessment Criteria **ECC1**		Feedback comments to candidate & Result √/x
CHAINSAW MAINTENANCE & CROSS-CUTTING: RECOMMENDED GUIDE BAR SIZE 12”-15” (30-38cm) Max. Time Allowed - **60min**		
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. Chainsaw maintenance (chainsaw OFF)		
Candidate to check **function of safety features:**		
1. **Chain brake**	c	
2. **Anti-vibration mounts**	c	
3. Safety chain		
4. **Throttle lock**	c	
5. Exhaust away from the operator		
6. **Chain catcher**	c	
7. Legal symbols: Head/eye/ear defender		
8. **Right hand guard**	c	
9. **Left hand guard**	c	
10. **Chain/Bar cover**	c	
11. **Functional clearly marked on/off switch**	c	
Candidate to **sharpen <u>whole</u> saw chain** (Assessor to provide samples if saw already sharpened):		
1. **Chain checked for damage and compatibility with bar and sprockets**	c	
2. Cutters sharpened using file of correct size with handle fitted & correct top/side plate angles		
3. Equal length of cutters maintained		
4. Filing burrs removed		
5. **Height and profile of depth gauges (rakers)**	c	
Candidate to **maintain guide bar** (assessor to provide samples if guide bar already in good condition):		
1. Straightness of bar checked		
2. **Identify uneven/damaged/blued/cracked rails**	c	
3. Burrs removed and edges chamfered/curved		
4. Groove (depth checked) and oil holes cleared		
5. Sprocket nose greased if applicable		
6. Bar turned to reduce wear		
Drive sprocket inspected (limits of sprocket wear) :		
Chain brake cleaned & inspected (procedure if damaged):		
Candidate to correctly **re-assemble chain, bar and side plate** *(Assessor to check tension is appropriate & side nuts tight)*		
Air filter cleaned/inspected: Candidate to:		
1. Remove debris from around filter		
2. Remove and **clean** filter **protecting** carburettor intake		
Spark plug inspected (procedure if damaged/cleaned):		
1. Colour, tightness, **‘drop test’**, gap size		
Starter recoil cleaned/ inspected/tensioned: Candidate to:		
1. Remove starter cover, clear air ways, check cord wear		
2. Release and re-tension cord and coil spring		
3. Check handle/pull toggle for security		
Fuel filter inspected (non-flammable detergent):		
1. Remove cap, hook filter with tool, comment		

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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. Inspect timber and use safe crosscut methods		
Candidate to crosscut timber under guide bar length, according to the measurements given with some moderate tension & compression present: A minimum of **8** cross cuts plus a minimum of **4** vertical boring cuts need to be demonstrated to standard using both upper & lower nose of the guide bar.		
1. Walk site, check timber and selection of fuel storage		
2. Safe stance (well balanced)		
3. Bar aligned to maintain accuracy		
4. **Head/neck out of line of chain**		
5. Use of throttle to cut safely and efficiently		
6. **Left thumb** around top handle		
7. Use of boring to initiate cuts where access is limited		
8. Sequence of cuts to prevent saw becoming **trapped** or **uncontrolled timber movement i.e. splitting**		
9. **Tension and compression** cuts should meet		
10. Chain brake used appropriately: when walking with the engine running, if the saw has to be put down whilst moving cut material or before taking a hand off the saw		
11. Safe withdrawal of saw from cut (kerf)		
12. Ergonomics: straight back, use of legs to control saw, bending at knees		
6. Select and use appropriate aid tools - Candidate to demonstrate use of appropriate aids to handle / move products:		
1. Correct **stance during lifting**		
2. Avoiding excessive lifting by levering, sliding, rolling etc		
3. Site left tidy & safe		

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