

Stand Tending Worker Assessment

Assessment	<p>This document can be used:</p> <ul style="list-style-type: none"> • For gathering evidence in a training environment, • As a competency check of knowledge on an existing worker; or • As part of a summative assessment.
Candidate Name	
Assessor Name	
Date of Assessment	
Summary of Assessment	<p><input type="checkbox"/> The candidate met all outcomes of the worker assessment</p> <p><input type="checkbox"/> The candidate has NOT met all outcomes of the worker assessment</p> <p><input type="checkbox"/> Gap training plan developed</p>
Date of Reassessment	
Summary of Reassessment	<p><input type="checkbox"/> The candidate met all outcomes of the worker assessment</p> <p><input type="checkbox"/> The candidate has NOT met all outcomes of the worker assessment</p>
Instructions	<ul style="list-style-type: none"> • Complete the assessment with the candidate, adding notes to justify your decisions. • Ensure the first page of this document is completed (all fields). • Develop a gap training plan for practical deficiencies if required. • Use the same form for reassessment (if applicable), only reassessing the areas where gaps exist. • Conduct the competency conversation before conducting the practical assessment.

Note: This worker assessment covers the technical components of a specific role. For general knowledge and a complete picture of a worker's competency, BC Forest Safety recommends the optional Basic Forest Worker competency profile and assessment tools that can be found at www.bcforestsafes.org.

Part 1 - Competency Conversation

General Instructions	
<p>To conduct a competency conversation, ask the worker the questions in this first part of the assessment to determine if they understand the knowledge components of their role.</p> <p>It is acceptable to rephrase the question in a way that the worker understands, but the worker cannot be given hints to the correct answer.</p> <p>The assessment should not be used as a training opportunity; instead, any deficiencies identified in this assessment should be collected into a gap training plan and addressed with the worker later.</p> <p>Important Note: Do not conduct competency conversation while operating equipment.</p>	
Training and Assessment Rubric	
Assessment Instruction	<ul style="list-style-type: none">S - This means that the candidate must supply all responses listed, as the knowledge is safety critical or important.B - This means the candidate must at a minimum verbalize the bolded responses, and additional responses are further proof of competence.P - The candidate must give a percentage of responses correctly to reasonably show competence in the area.

1010 – Describe and Operate Brushing Saw

Locator	Questions		
1.1	<p>What are site considerations when operating a brushing saw?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Target and non-target species <input type="checkbox"/> Height and diameter <input type="checkbox"/> Terrain <p>Assessment Instruction: S</p>		
	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
1.2	<p>Name eight components of a brushing saw</p> <ul style="list-style-type: none"> <input type="checkbox"/> Handlebar <input type="checkbox"/> Throttle interlock <input type="checkbox"/> On / off switch <input type="checkbox"/> Muffler / spark arrestor <input type="checkbox"/> Blade <input type="checkbox"/> Choke <input type="checkbox"/> Pull chord <input type="checkbox"/> Recoil spring anti-vibration mounts <input type="checkbox"/> Fuel tank and cap <input type="checkbox"/> Spark plug <input type="checkbox"/> Air filter <input type="checkbox"/> Blade nut and washer <input type="checkbox"/> Blade guard <input type="checkbox"/> Harness <input type="checkbox"/> Decompression switch <input type="checkbox"/> Angle drive lubricating tip <p>Assessment Instruction: P – 8 from list</p>		
	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met

1.3	<p>What are three safety features of a brushing saw?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Blade guard / deflector <input type="checkbox"/> Handlebar or barrier bar <input type="checkbox"/> Muffler / spark arrestor <input type="checkbox"/> Throttle interlock <input type="checkbox"/> Anti-vibration mounts <input type="checkbox"/> Harness <input type="checkbox"/> Decompression switch <p>Assessment Instruction: P – 3 from list</p>			
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Assessment</td> <td style="width: 33%; text-align: center;"><input type="checkbox"/> Outcome met</td> <td style="width: 33%; text-align: center;"><input type="checkbox"/> Outcome not met</td> </tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
2.2	<p>What are inspection and maintenance requirements on a brushing saw?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Replace and adjust line <input type="checkbox"/> File or replace blade <input type="checkbox"/> Tighten or replace components of blade (nut and guard) <p>Assessment Instruction: S</p>			
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Assessment</td> <td style="width: 33%; text-align: center;"><input type="checkbox"/> Outcome met</td> <td style="width: 33%; text-align: center;"><input type="checkbox"/> Outcome not met</td> </tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
2.3	<p>What spare parts is it 'best practice' to have with you on the worksite?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Blade or line <input type="checkbox"/> Cutting attachments <input type="checkbox"/> Sparkplug <p>Assessment Instruction: S</p>			
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Assessment</td> <td style="width: 33%; text-align: center;"><input type="checkbox"/> Outcome met</td> <td style="width: 33%; text-align: center;"><input type="checkbox"/> Outcome not met</td> </tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		

2.4	<p>Name four repair tools that are required on the worksite</p> <ul style="list-style-type: none"> <input type="checkbox"/> Bar wrench <input type="checkbox"/> Allen wrench <input type="checkbox"/> Torx screwdriver <input type="checkbox"/> Files <input type="checkbox"/> Line cutting tool <input type="checkbox"/> Blade stop tool <input type="checkbox"/> Tool kit (manufacturers tool kit) <p>Assessment Instruction: P – 4 from list</p>			
<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 33%;">Assessment</td> <td style="width: 33%;"><input type="checkbox"/> Outcome met</td> <td style="width: 33%;"><input type="checkbox"/> Outcome not met</td> </tr> </table>		Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
4.1	<p>What PPE is required when operating a brushing saw?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Leg protection (chaps or bucking pants) <input type="checkbox"/> Long sleeves <input type="checkbox"/> Face screen <input type="checkbox"/> Hearing protection (earmuffs) <input type="checkbox"/> Protective eyewear (safety glasses) <input type="checkbox"/> Hard hat <input type="checkbox"/> Work boots (caulks where applicable) <input type="checkbox"/> Gloves <input type="checkbox"/> High visibility clothing <p>Assessment Instruction: S</p>			
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4.3	<p>Name five deficiencies that must be repaired prior to operating a brushing saw</p> <ul style="list-style-type: none"> <input type="checkbox"/> Deficient or absent guard <input type="checkbox"/> Damaged engine cowling <input type="checkbox"/> Throttle interlock not working <input type="checkbox"/> Spark arrestor absent or not working <input type="checkbox"/> Blade or cutting attachment damaged <p>Assessment Instruction: S</p>			
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5.1	<p>Name four hazards related to operating a brushing saw that may result in injury</p> <p><input type="checkbox"/> Kickbacks</p> <p><input type="checkbox"/> Projectiles from saw</p> <p><input type="checkbox"/> Burns</p> <p><input type="checkbox"/> Exhaust emissions</p> <p><input type="checkbox"/> Blade coming off</p> <p><input type="checkbox"/> Slips, trips and falls</p> <p>Assessment Instruction: P – 4 from list</p>			
	<table border="1"> <tr> <td data-bbox="344 577 740 653">Assessment</td> <td data-bbox="740 577 1120 653"><input type="checkbox"/> Outcome met</td> <td data-bbox="1120 577 1508 653"><input type="checkbox"/> Outcome not met</td> </tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		

1011 – Describe Stand Tending

Locator	Questions			
1.1	<p>Name three coniferous tree species in British Columbia</p> <p><input type="checkbox"/> Pine</p> <p><input type="checkbox"/> Spruce</p> <p><input type="checkbox"/> Fir</p> <p><input type="checkbox"/> Larch</p> <p><input type="checkbox"/> Cedar</p> <p><input type="checkbox"/> Hemlock</p> <p>Assessment Instruction: P – 3 from list</p>			
	<table border="1"> <tr> <td data-bbox="344 1312 740 1386">Assessment</td> <td data-bbox="740 1312 1120 1386"><input type="checkbox"/> Outcome met</td> <td data-bbox="1120 1312 1508 1386"><input type="checkbox"/> Outcome not met</td> </tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
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1.2	<p>What are common tree diseases and deformities?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Blights <input type="checkbox"/> Cankers / conks <input type="checkbox"/> Root rot <input type="checkbox"/> Blister rust <input type="checkbox"/> Mistletoe <input type="checkbox"/> Leader weevil <input type="checkbox"/> Multiple tops <input type="checkbox"/> Crooked stems <input type="checkbox"/> Split trunks <input type="checkbox"/> Forked stems <input type="checkbox"/> Witches broom <p>Assessment Instruction: P – 7 from list</p>			
	<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 33%;">Assessment</td> <td style="width: 33%;"><input type="checkbox"/> Outcome met</td> <td style="width: 33%;"><input type="checkbox"/> Outcome not met</td> </tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
1.3	<p>What are four conditions of wood that will affect its response to cutting?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Wet or dry <input type="checkbox"/> Cold or warm <input type="checkbox"/> Frozen <input type="checkbox"/> Rotten <input type="checkbox"/> Burnt <input type="checkbox"/> Under tension <p>Assessment Instruction: P – 3 from list</p>			
	<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 33%;">Assessment</td> <td style="width: 33%;"><input type="checkbox"/> Outcome met</td> <td style="width: 33%;"><input type="checkbox"/> Outcome not met</td> </tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
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2.1	<p>Name six contract / prescription requirements that must be understood when conducting stand tending treatments</p> <ul style="list-style-type: none"> <input type="checkbox"/> Crop tree height <input type="checkbox"/> Species selection <input type="checkbox"/> Measurement of distance between crop tree species <input type="checkbox"/> Crop tree <input type="checkbox"/> Non-crop tree <input type="checkbox"/> Void <input type="checkbox"/> Riparian zone <input type="checkbox"/> No treatment zones <input type="checkbox"/> Cut below last live limb <p>Assessment Instruction: P – 6 from list</p>			
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Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
2.2	<p>What are considerations when working the piece?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Terrain considerations <input type="checkbox"/> Placement of other workers <input type="checkbox"/> Buddy system <input type="checkbox"/> Evacuation routes <input type="checkbox"/> Maintaining two tree lengths between workers <input type="checkbox"/> Check in procedures <input type="checkbox"/> Ribbon lines <p>Assessment Instruction: P – 5 from list</p>			
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2.3	<p>What are two components of calculating area-based payment?</p> <ul style="list-style-type: none"> <input type="checkbox"/> GPS calculated area <input type="checkbox"/> Price per hectare <p>Assessment Instruction: S</p>			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Assessment</td> <td style="width: 33%; text-align: center;"><input type="checkbox"/> Outcome met</td> <td style="width: 33%; text-align: center;"><input type="checkbox"/> Outcome not met</td> </tr> </table>		Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
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1012 – Conduct Stand Tending Treatments

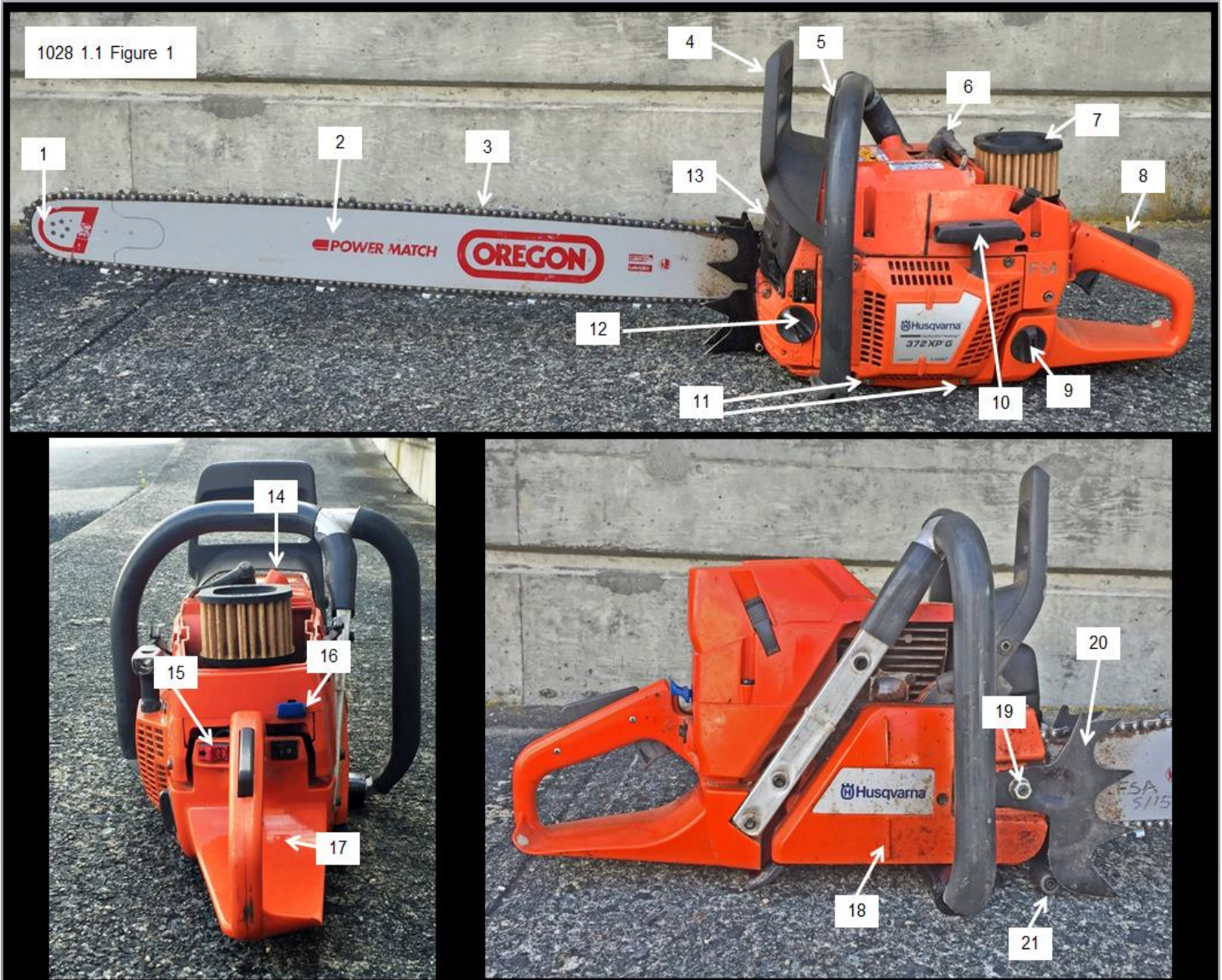
Locator	Questions		
1.1	<p>What are key considerations when pruning?</p> <ul style="list-style-type: none"> <input type="checkbox"/> 3 – 5 meters general height of pruning <input type="checkbox"/> Clean, flush cut to the collar <input type="checkbox"/> All branches removed to designated height <input type="checkbox"/> No chain or brush saw above shoulder <p>Assessment Instruction: S</p>		
	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
2.1	<p>What are key considerations when spacing?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Identify the preferred crop tree <input type="checkbox"/> Thin or space to prescription <input type="checkbox"/> Crop tree based on size, height, vigor, density, species <p>Assessment Instruction: S</p>		
	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
2.2	<p>What are key considerations when brushing?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Identify target competing species (woody /herbaceous) <input type="checkbox"/> Identify crop tree <input type="checkbox"/> Follow contract specifications <p>Assessment Instruction: S</p>		
	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
3.3	<p>What are three ways fuel management can be used to reduce wildfire risk?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Crown separation <input type="checkbox"/> Removal of ladder fuels <input type="checkbox"/> Reduce crown closure <p>Assessment Instruction: S</p>		
	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met

3.4	<p>What types of things may be found in a prescription?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Wood left, wood gathered and piled, wood to be burned or wood to be chipped <input type="checkbox"/> Rake and restore fire pits <input type="checkbox"/> Wildlife considerations <input type="checkbox"/> Stakeholder requirements <input type="checkbox"/> Pruning heights <p>Assessment Instruction: P – 4 from list</p>			
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Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
4.1	<p>When is a Hand Faller required to fell a tree?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Stem size > 15cm (6 in.) width at 30 cm (12 in.) stump height <p>Assessment Instruction: S</p>			
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Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
4.2	<p>What are common hazards related to stand tending?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Spring poles <input type="checkbox"/> Burns <input type="checkbox"/> Chippers <input type="checkbox"/> Smoke <input type="checkbox"/> Weather <input type="checkbox"/> Insects <input type="checkbox"/> Wildlife <input type="checkbox"/> Heavy material <input type="checkbox"/> Debris <input type="checkbox"/> Stumps <input type="checkbox"/> Tension and limbs <p>Assessment Instruction: P – 6 from list</p>			
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1028 – Describe and Operate Chainsaw

Locator	Questions		
1.1	<p>Refer to Figure 1. Identify the following:</p> <p><i>(Note: Candidate can use chainsaw diagram as a reference when answering questions for this unit)</i></p> <ol style="list-style-type: none"> 1. Bar tip 2. Guide bar 3. Chain 4. Chain brake 5. Handlebar 6. Spark Plug 7. Air Filter 8. Throttle lock 9. Fuel tank and cap 10. Pull cord 11. Anti-vibration mounts 12. Oil tank and cap 13. Muffler 14. Decompression switch 15. On/off switch 16. Choke 17. Rear hand guard (pistol grip) 18. Chainsaw sight lines 19. Bar nut 20. Dogs 21. Chain catcher <p>Assessment Instruction: P – 17 from list</p>		
	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
3.4	<p>Refer to Figure 1. What are the three primary safety features of a chainsaw and what hazards do they control?</p> <p><input type="checkbox"/> Chain brake – controls kick backs</p> <p><input type="checkbox"/> Chain catcher – controls chain flying off</p> <p><input type="checkbox"/> Throttle lock – prevents accidental bump of throttle</p> <p>Assessment Instruction: S</p>		
	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met

Figure 1:



2.1	<p>Name at least four things that must be inspected and maintained on a chainsaw on a daily basis</p> <ul style="list-style-type: none"> <input type="checkbox"/> Air filter <input type="checkbox"/> Chain brake <input type="checkbox"/> Guide bar <input type="checkbox"/> Chain catcher <input type="checkbox"/> Throttle lock <input type="checkbox"/> Chain <input type="checkbox"/> Screws <input type="checkbox"/> Chain tension adjustment <input type="checkbox"/> On/off switch <input type="checkbox"/> Starter cord <input type="checkbox"/> Bar tip <p>Assessment Instruction: P – 4 from list</p>			
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Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
2.2	<p>What are the components of a chain?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Raker <input type="checkbox"/> Rivet <input type="checkbox"/> Side strap <input type="checkbox"/> Driver / drive link <input type="checkbox"/> Gullet <input type="checkbox"/> Cutting edge <p>Assessment Instruction: P – 4 from list</p>			
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Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		

2.2	<p>What are the advantages of chain maintenance?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Reduce chainsaw kickback and related injuries <input type="checkbox"/> Reduce operator fatigue <input type="checkbox"/> Reduce sprocket wear <input type="checkbox"/> Longer chain life lengthens life of the saw <input type="checkbox"/> More efficient cutting, which improves productivity and safety <p>Assessment Instruction: P – 3 from list</p>			
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Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
2.3	<p>Name at least five spare parts that are ‘best practice’ to have with you or readily available</p> <ul style="list-style-type: none"> <input type="checkbox"/> Spare chains and guide bar <input type="checkbox"/> Starter rope <input type="checkbox"/> Spark plugs <input type="checkbox"/> Spare filing tools <input type="checkbox"/> Sprockets <input type="checkbox"/> Oil worm gear <input type="checkbox"/> Clutch <input type="checkbox"/> Clutch bearing <input type="checkbox"/> Air filter <input type="checkbox"/> Fuel filter <input type="checkbox"/> Chain tensioner <input type="checkbox"/> Start assembly <input type="checkbox"/> Screws <input type="checkbox"/> Bar tip <input type="checkbox"/> Bar nuts <input type="checkbox"/> _____ <p>Assessment Instruction: P – 5 from list</p>			
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4.2	<p>Name four injuries that are directly caused by using a chainsaw</p> <ul style="list-style-type: none"> <input type="checkbox"/> Laceration <input type="checkbox"/> Burns <input type="checkbox"/> Exhaust emissions <input type="checkbox"/> Crush or struck by objects <input type="checkbox"/> Slips, trips, falls <input type="checkbox"/> Puncture <input type="checkbox"/> Eye injury <p>Assessment Instruction: P – 4 from list</p>			
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Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
4.3	<p>What are the long-term injuries that can be caused by using a chainsaw?</p> <ul style="list-style-type: none"> <input type="checkbox"/> MSI (shoulder injury, carpal tunnel syndrome, compressed disks, joint injuries) <input type="checkbox"/> Raynaud (white finger syndrome) also called vibration disease <input type="checkbox"/> Hearing loss <p>Assessment Instruction: P – 2 from list</p>			
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Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
5.2	<p>Name three things that can happen if the chainsaw or bar size is too short</p> <ul style="list-style-type: none"> <input type="checkbox"/> Difficult to match cuts from one standing position <input type="checkbox"/> May cause operator to extend reach causing neck, shoulder, back, arm or wrist strain (MSI) <input type="checkbox"/> May cause operator to become fatigued <input type="checkbox"/> Puts operator into a position for chainsaw kickback because bar tip isn't cutting across length of log <input type="checkbox"/> Hard to reach the bottom corner <p>Assessment Instruction: P – 3 from list</p>			
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Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		

5.2	<p>Name three things that can happen if the chainsaw or bar size is too long</p> <ul style="list-style-type: none"> <input type="checkbox"/> Kickback due to the tip of the bar hitting an object (ground, rock, stump, tree) on the other side of the log or tree <input type="checkbox"/> Tends to unbalance chainsaw by affecting safe handling and control <input type="checkbox"/> Causes strain to arms, shoulder, neck or back (MSI) <input type="checkbox"/> May cause operator to fatigue <input type="checkbox"/> May reduce saw performance <p>Assessment Instruction: P – 3 from list</p>	
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
5.6	<p>What are the two different pressures present in all binds?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Compression – the wood fibre is getting compressed <input type="checkbox"/> Tension – the wood fibre in being pulled and / or stretched <p>Assessment Instruction: S</p>	
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
5.6	<p>Name the types of binds</p> <ul style="list-style-type: none"> <input type="checkbox"/> Bottom bind <input type="checkbox"/> Top bind <input type="checkbox"/> Side bind <input type="checkbox"/> Heavy bind <input type="checkbox"/> End bind <p>Assessment Instruction: S</p>	
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met

6.1	<p>Name five common hazards related to limbing activities</p> <ul style="list-style-type: none"> <input type="checkbox"/> Struck by overhead debris / material <input type="checkbox"/> Unexpected movement of log <input type="checkbox"/> Cuts from chainsaw <input type="checkbox"/> Struck by limb or chainsaw as a result of limb compression or limb tension <input type="checkbox"/> Chainsaw kickback <input type="checkbox"/> Cut or puncture injury by angled cuts (pig ears) and branch stubs <input type="checkbox"/> Projectiles from chain (loose bark and small branches) <input type="checkbox"/> Falling from log <input type="checkbox"/> Slips, trips and falls <p>Assessment Instruction: P – 5 from list</p>			
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Assessment</td> <td style="width: 33%; text-align: center;"><input type="checkbox"/> Outcome met</td> <td style="width: 33%; text-align: center;"><input type="checkbox"/> Outcome not met</td> </tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
6.2	<p>Name at least six considerations / procedures to support safe limbing</p> <ul style="list-style-type: none"> <input type="checkbox"/> Know when to cut supporting limbs <input type="checkbox"/> Use relief cuts to release tension on loaded limbs <input type="checkbox"/> Make flush cuts to tree (no pig ears) <input type="checkbox"/> Limb top and both sides of tree <input type="checkbox"/> No cross-body limb cutting <input type="checkbox"/> Constantly reassess for overhead hazards <input type="checkbox"/> Power head should not be above shoulder height <input type="checkbox"/> Ensure secure footing before making each cut <input type="checkbox"/> Cut large limbs off in sections <p>Assessment Instruction: B + 3</p>			
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Assessment</td> <td style="width: 33%; text-align: center;"><input type="checkbox"/> Outcome met</td> <td style="width: 33%; text-align: center;"><input type="checkbox"/> Outcome not met</td> </tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		

Part 2 – Practical Assessment

General Instructions	
<p>To conduct the practical assessment, monitor the worker in a variety of situations to determine if they can consistently perform the skill components of their role in a safe and effective manner. Once confident that the worker can conduct the skills consistently, mark the outcome met. If the worker cannot consistently perform the skills required, add this component to the gap training plan.</p> <p>Remember not to distract the operator when conducting the practical assessment.</p>	
Training and Assessment Rubric	
<p>Outcome Not Met (ONM)</p>	<p>Skills: Can complete the task but only with direct instruction and supervision, may lack consistency in application.</p> <p>Knowledge: Does not understand what they are doing, or are not aware of a knowledge deficiency, or need guidance and support.</p> <p>Attributes: Displays limited or no professional attributes including being fit for work, prepared for the day, working in an organized manner, achieving work outcomes, or lacks in consistency.</p>
<p>Outcome Met (OM)</p>	<p>Skills: Consistently completes the task using safe work practices multiple times in a variety of contexts.</p> <p>Knowledge: Has a solid grasp of underpinning knowledge, consistently applies it, and can explain it.</p> <p>Attributes: Consistently displays professional attributes including being fit for work, prepared for the day, working in and organized manner and achieving work outcomes.</p>

A) PREPARE FOR THE DAY	OM	ONM	N/A
Arrived on time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clothing for conditions <ul style="list-style-type: none"> Layered clothing appropriate to the elements for working and transport conditions 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nutrition and water <ul style="list-style-type: none"> Adequate food for the day Sufficient hydration for work and weather conditions 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fit for work <ul style="list-style-type: none"> Candidate is physically able to do the task 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not noticeably impaired <ul style="list-style-type: none"> Candidate is not obviously physically or mentally impaired (by drugs, alcohol, personal situations, fatigue) 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

B) PERSONAL PROTECTIVE EQUIPMENT (where applicable)	OM	ONM	N/A
Hard hat <ul style="list-style-type: none"> CSA – less than 3 years old / ANSI – less than 5 years old No dents/cracks, modifications Suspension maintained (4-point min) 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hi-Vis <ul style="list-style-type: none"> Minimum 120 square inches front and back Not faded, discoloured, torn or permanently dirty Contrasts with the work environment 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leg protection <ul style="list-style-type: none"> Minimum 3600/4100 FPM rating Kevlar not compromised or exposed Pants maintained and repaired (no loose tears to outer layer) 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Face / Eye protection <ul style="list-style-type: none"> Face screen free of holes Moves freely between down and raised position Safety glasses used when appropriate 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Footwear <ul style="list-style-type: none"> Appropriate to the conditions Good condition including sole tread pattern 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PPE inspected and maintained	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C) EMERGENCY RESPONSE PLAN	OM	ONM	N/A
Knows Location of Emergency Response Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Content of Emergency Response Plan <ul style="list-style-type: none"> ● Direction to worksite by road and coordinates ● First Aid resources including location and attendants ● Emergency phone numbers ● ETV transport requirements 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
First Aid Attendant <ul style="list-style-type: none"> ● Identify first aid attendant ● How to contact first aid attendant 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

D) DOCUMENTATION	OM	ONM	N/A
Initial Safety Meeting <ul style="list-style-type: none"> ● Site information ● Crew detail ● Communication procedures ● Current map ● First aid ● Special procedures ● Weather conditions ● Safety concerns ● Location and type of equipment ● Environmental management systems ● Attendees 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
New Worker Orientation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Work Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

E) MAP	OM	ONM	N/A
Worksite number	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Location of other workers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Location of ETV	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

F) BRUSHING SAW INSPECTION AND MAINTENANCE	OM	ONM	N/A
Air filter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fuel filter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spark plug	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fuel tank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spark arrestor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Starter recoil assembly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drive shaft	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clutch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Throttle interlock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vibration mounts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Blade	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Carburetor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Muffler	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Saw body	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cooling fins and air intake	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Blade (including nut or line)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Blade guard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fuel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

G) HAZARDS IN BLOCK AND IMMEDIATE AREA	OM	ONM	N/A
Overhead hazards <ul style="list-style-type: none"> ● Loose rocks and debris on slope above ● Danger trees ● Snow and ice falling 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ground hazards <ul style="list-style-type: none"> ● Slope gradient ● Ground condition - loose gravel, broken, rotten rock ● Muskeg ● Snow, ice, frost ● Covered logs (debris, snow) ● Blowdown ● Root wads ● Old logging debris ● Waterway 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stem <ul style="list-style-type: none"> ● Tension ● Stem size ● Man-made material embedded in trees (telegraph wires, barbed wire) ● Tree disease 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Debris <ul style="list-style-type: none"> ● Slash ● Roots ● Stumps ● Limbs 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental <ul style="list-style-type: none"> ● Reduced visibility (fog) ● Adverse weather (wind, snow, heat, rain) ● Avalanche ● Flooding ● Terrain ● Wildlife (bears, cougars, moose, wolves) ● Animal dens ● Lyme disease (ticks) ● Insects, bee stings ● Poisonous plants 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment <ul style="list-style-type: none"> ● Chippers ● Mobile equipment ● Logging Equipment ● Snowmobiles ● ATV/UTV 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

H) OPERATE BRUSHING SAW	OM	ONM	N/A
Carries brushing saw safely to worksite <ul style="list-style-type: none"> ● Carry at waist level ● Carried at comfortable position ● Downhill side of body when possible ● Blade guard on 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Uses brushing saw correctly <ul style="list-style-type: none"> ● Stance ● Defensive stance, where operator is prepared for kickbacks at all times ● Keeps back straight ● Grip ● Two hands on the saw ● Thumb wrapped around handlebars ● Footing ● Place to stand is stable ● Handles brush saw smoothly ● Does not overreach with brush saw ● Keeps power head below shoulder height ● Not crossing any part of the saw with body 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Debris falls away from operator and stand	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Avoids kickback	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Follows Safe Work Procedures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Assesses tree condition <ul style="list-style-type: none"> ● Inspect for disease (rusts, blights, mistletoe, root rot) ● Tree form ● Tree vigor 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maintains safe work distances	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Follows prescription requirements <ul style="list-style-type: none"> ● Crop tree selection ● Spacing between crop trees ● Cuts target species ● Species selection ● Cuts below last live limb 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Follows ribbon lines <ul style="list-style-type: none"> ● Stays within designated worksite boundaries ● Does not enter no treatment zones ● Maintains riparian zones 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I) SAFETY	OM	ONM	N/A
Face screen used when cutting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hearing protection used when brushing saw is running	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

J) WORK ACTIVITIES	OM	ONM	N/A
Achieves outcomes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Works in an organized manner <ul style="list-style-type: none"> • Systematic approach to piece • Brushing saw sharp and tools in working condition • Spare equipment is readily available • Fuel within reasonable distance from current work 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Works the piece <ul style="list-style-type: none"> • Considers terrain • Placement of workers • Buddy system in place • Evacuations routes in place • Maintains two tree lengths distance between workers • Crew checks in place and followed • Follows ribbon lines 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Prune <ul style="list-style-type: none"> • 3 to 5 metres general height of pruning • Clean flush cut to collar • All branches removed to designated height • No chain or brush saw above shoulder height 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Space <ul style="list-style-type: none"> • Identifies the preferred crop tree • Thins or spaces to prescription • Crops tree based on size, height, vigor, density, species • Recognizes ghost trees 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brush <ul style="list-style-type: none"> • Identifies target competing species (woody/herbaceous) • Identifies crop tree • Follows prescription specifications • Recognizes ghost trees 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Slash management <ul style="list-style-type: none"> • Laid flat • Not leaning on crop trees • Within allowable depths 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

This is the last page of the assessment.

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