



## BC Faller Training Standard – Field Examination & Evaluation

**General Objective:** *Qualified Supervisor Trainer will complete a thorough examination of the faller's work preparation and practice, and will identify deficiency issues as applied to the BC Faller Training Standard. Non-compliance with the OHS Regulation must be noted and discussed with the Faller. Any noted deficiencies must meet compliance with Occupational Health and Safety Regulation, as required by the Worker's Compensation Act.*

Pass \_\_\_\_\_ Fail \_\_\_\_\_

Estimated completion time: 4 hours

Field Evaluation percentage mark \_\_\_\_\_/100%

Written/Oral Exam mark: \_\_\_\_\_/50

Registration Number \_\_\_\_\_

|  |  |  |                               |
|--|--|--|-------------------------------|
| <b>Faller's name &amp; years of experience:</b>    | <b>Supervisor:</b>                                   | <b>Employer/Company name:</b>  |                               |
| <b>Faller's home address:</b><br>(Mailing Address) | <b>Phone numbers:</b><br>(home, cell, message)       | <b>Date:</b>   | <b>Time:</b> (travel & exams) |
| <b>E-mail address:</b>                             |  |  |                               |
| <b>Location - Falling area &amp; nearest town:</b> | <b>Weather at time of evaluation:</b>                | <b>Timber type - Old or second growth with species:</b> (average DSH)      |                               |
| <b>Harvesting method:</b>                          | <b>Ground conditions:</b><br>(e.g. brushy or broken) | <b>Slope in percent (+%)</b><br><br><b>Falling:</b><br><br><b>Bucking:</b> |                               |
| <b>Prime:</b>                                      |  | <b>Crew size:</b>  |                               |
| <b>Licensee:</b>                                   |  |  |                               |

## Part 1 – Personal Protective Equipment

**Objective:** The Professional Faller wears and uses the appropriate PPE at all times and ensures that it is properly maintained.

| Items/Comments:   | Marking Conditions   |
|---|--|
| <p><b>Hardhat</b><br/><i>Comments to Faller:</i></p> <p><b>Mark: / .1</b></p>                   | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E .1</b> Meets acceptable standard <i>and</i> suspension is in good to excellent condition, may or may not have stickers and no other modifications.</li> <li><input type="checkbox"/> <b>A .07 Acceptable standard:</b> Red or orange in colour, proper fit, no cracks or dents, suspension may be dated (over 1 year old), CSA or ANSI compliant.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes any hardhat 5 years or older, wrong colour, improper fit, cracked or dented, suspension broken, CSA or ANSI non-compliant, modifications.</li> </ul> |
| <p><b>Eye &amp; Face Protection</b><br/><i>Comments to Faller:</i></p> <p><b>Mark: / .1</b></p> | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E .1</b> Meets acceptable standard <i>and</i> also wears safety glasses.</li> <li><input type="checkbox"/> <b>A .07 Acceptable standard:</b> Face protection (screen) available, in good condition and consistently used.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes protection that is not available or if available not used, face protection has small holes present, or has scratched eye glasses or is CSA or ANSI non-compliant.</li> </ul>   |
| <p><b>Hearing Protection</b><br/><i>Comments to faller:</i></p> <p><b>Mark: / .1</b></p>        | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E .1</b> Meets acceptable standard, using muffs in good to excellent condition and maintained.</li> <li><input type="checkbox"/> <b>A .07 Acceptable standard:</b> Earmuffs available and worn, minor damaged condition or alternate protection used, i.e. wears earplugs.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes muffs available but casually used/not used, not available, poor condition, needs maintenance.</li> </ul>  |
| <p><b>Hand Protection</b><br/><i>Comments to Faller:</i></p> <p><b>Mark: / .1</b></p>           | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E .1</b> Meets acceptable standard <i>and</i> protection is in good to excellent condition.</li> <li><input type="checkbox"/> <b>A .07 Acceptable standard:</b> Available and worn, minor damaged condition, appropriate for working conditions.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes not available, not worn, excessively worn condition, not appropriate for working conditions.</li> </ul>   |
| <p><b>Leg Protection</b><br/><i>Comments to Faller:</i></p> <p><b>Mark: / .1</b></p>            | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E .1</b> Meets or exceeds acceptable standard <i>and</i> protection is in good to excellent condition.</li> <li><input type="checkbox"/> <b>A .07 Acceptable standard:</b> Available and worn, minor damage to outer layer, visible label, meets current standard.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes not available, not worn, excessively worn condition, cuts into kevlar and does not meet current standard.</li> </ul>  |

## Part 1 – Personal Protective Equipment, continued

| Items/ Comments:   | Marking Conditions  |
|--|---|
| <p><b>Hi-visibility Apparel</b><br/><i>Comments to Faller:</i></p> <p><b>Mark: / .1</b></p>  | <p><input type="checkbox"/> <b>E</b> .1 Meets acceptable standard <i>and</i> protection is in good to excellent condition.</p> <p><input type="checkbox"/> <b>A</b> .07 <b>Acceptable standard:</b> Available and worn, minor tears or faded condition, appropriate for situation, meets current standard.</p> <p><input type="checkbox"/> <b>U</b> 0 Unacceptable: Fails to meet above acceptable standard, includes not available, not used, excessively worn or faded condition or does not meet current standard.</p>   |
| <p><b>Safety Footwear</b><br/><i>Comments to Faller:</i></p> <p><b>Mark: / .1</b></p>        | <p><b>Caulked:</b></p> <p><input type="checkbox"/> <b>E</b> .1 Meets acceptable standard <i>and</i> protection is in good to excellent condition, fully caulked and sharp.</p> <p><input type="checkbox"/> <b>A</b> .07 <b>Acceptable standard:</b> Available and worn, may be missing two or less caulks or slightly dull caulks.</p> <p><input type="checkbox"/> <b>U</b> 0 Unacceptable: Fails to meet above acceptable standard, includes not available, all caulks need replacing, soles damaged and cracked, stitching worn or not wearing caulks to walk logs.</p> <p><b>Non-Caulked: <i>only worn when not required to walk on logs or woody debris on level terrain</i></b></p> <p><input type="checkbox"/> <b>E</b> .1 Meets acceptable standard <i>and</i> protection is in good to excellent condition, well constructed boot, good ankle support and appropriate to conditions.</p> <p><input type="checkbox"/> <b>A</b> .07 <b>Acceptable standard:</b> Available and used, upper soles, minimum 8" top, some grip missing.</p> <p><input type="checkbox"/> <b>U</b> 0 Unacceptable: Fails to meet above acceptable standard, includes not available, not used, poorly constructed, damaged stitching, excessively worn soles, less than 8" upper, no traction sole or excessive damaged condition.</p> |
| <p><b>Whistle/Radio</b><br/><i>Comments to Faller:</i></p> <p><b>Mark: / .1</b></p>          | <p><input type="checkbox"/> <b>E</b> .1 Meets acceptable standard <i>and</i> radio checking and receiving regularly, in good condition and whistle mounted near mouth.</p> <p><input type="checkbox"/> <b>A</b> .07 <b>Acceptable standard:</b> Whistle mounted on outside of clothing and access to radio</p> <p><input type="checkbox"/> <b>U</b> 0 Unacceptable: Fails to meet above acceptable standard, includes whistle not available, not tested regularly, not working.</p>   |
| <p><b>Personal First Aid Kit</b><br/><i>Comments to Faller:</i></p> <p><b>Mark: / .1</b></p> | <p><input type="checkbox"/> <b>E</b> .1 Meets acceptable standard, carries a personal first aid kit and contents are clean and dry.</p> <p><input type="checkbox"/> <b>A</b> .07 <b>Acceptable standard:</b> Includes a minimum of a pressure dressing and carried on the person.</p> <p><input type="checkbox"/> <b>U</b> 0 Unacceptable: Fails to meet above acceptable standard, includes not available, not worn on person or contents are wet or dirty.</p>  |

**Part 1 – Personal Protective Equipment, continued**

**Items/Comments:**

**Mental Well Being/ Physical Well Being**

**Note to QS/T: Consider assessing this at conclusion of evaluation**

Discussion points:

- Faller drinks water throughout the day?
- Faller drinks water in all seasons?
- Faller stretches before work?
- Faller stretches during the day?

**Marking Conditions**

- E** .1 Meets acceptable standard *and* alert/focused on job, good to excellent attitude. Physically fit, eats and drinks appropriate fluids, does pre-work stretching, good to excellent body posture when working.
- A** .07 **Acceptable standard:** Includes focused on job, attitude is acceptable, eats and drinks with some knowledge of nutrition, does some stretching, work is done with some knowledge of body posture concerns.
- U** 0 Unacceptable: Fails to meet above acceptable standard, often distracted from job, poor attitude, not physically fit, works in positions that puts self at risk of MSI injury.

**Comments to Faller:**

**Mark: / .1**

**Total marks for this part: \_\_\_/1**

## Part 2 – Identify Safe Work Procedures

**Objective:** *The Professional Faller uses safe work procedures when in the field.*

| Items/Comments:   | Marking Conditions  |
|---|---|
| <p><b>Man-check Procedures</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E</b> - Faller frequently shuts off saw &amp; lifts muffs for safety check of other workers</li> <li><input type="checkbox"/> <b>A</b> - Faller shuts off saw between tank fill ups and conducts man check</li> <li><input type="checkbox"/> <b>U</b> - Qualified assistance is not readily available</li> <li><input type="checkbox"/> <b>U</b> - Written safe work procedures are not in place for minimum &amp; maximum distances between fallers and other workers.</li> </ul> <p><b>Mark: /5</b></p>   | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E 5</b> Meets acceptable standard <i>and</i> uses start of day, end of shift checks, frequent checks throughout the day, shuts saw off between tanks and after bucking, lifts muffs, and there is a response plan for failure to respond to check. Established and well marked access/egress trails for qualified assistance.</li> <li><input type="checkbox"/> <b>A 4</b> <b>Acceptable standard:</b> Includes frequent checks with partner or person capable of rendering qualified assistance every 20-30 minutes. Written safe work procedures are in place for minimum &amp; maximum distances between fallers and other workers.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, non-regular checks, informal checks or no mancheck system at all. Qualified assistance is not readily available to faller in case of difficulty, emergency, or injury.</li> </ul> <p><b>Comments to Faller:</b></p> |
| <p><b>Transportation of Fallers</b></p> <p>Discussion points:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Valid drivers license</li> <li><input type="checkbox"/> Vehicle facing exit</li> <li><input type="checkbox"/> Documented Pre-trip inspection by driver</li> <li><input type="checkbox"/> Emergency procedure/numbers posted in vehicle</li> <li><input type="checkbox"/> ATV</li> <li><input type="checkbox"/> Snow machine</li> <li><input type="checkbox"/> Helicopter</li> <li><input type="checkbox"/> Boat</li> <li><input type="checkbox"/> Crummy</li> <li><input type="checkbox"/> Seatbelt equipped</li> <li><input type="checkbox"/> Non-smoking vehicle</li> </ul> <p><b>Mark: /.5</b></p> | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E .5</b> Meets acceptable standard <i>and</i> has a documented pre-trip inspection or specific orientation prior to transporting workers.</li> <li><input type="checkbox"/> <b>A .4</b> <b>Acceptable standard:</b> Includes vehicle that is in good mechanical condition. Parked facing exit route. Tools, equipment are secured and separate from workers. Appropriate communication system is available and working. Fire extinguisher in vehicle.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes vehicle that has mechanical deficiencies. Tools and equipment not separated from passengers. Vehicle not facing the exit.</li> </ul> <p><b>Comments to Faller:</b></p>  |

**Total marks for this part: \_\_\_/5.5**

**E** - excellent, best practice  
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**A** - meets the acceptable standard

**U** - does not meet the acceptable standard

## Part 3 – Identifying Emergency and Evacuation Procedures

**Objective:** The Professional Faller knows and uses emergency and evacuation procedures.

| Items/Comments:   | Marking Conditions  |
|---|---|
| <p><b>First Aid:</b><br/>Faller's first-aid ticket:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E</b> - Level 1</li> <li><input type="checkbox"/> <b>E</b> - Level 2</li> <li><input type="checkbox"/> <b>E</b> - Level 3</li> </ul> <p>Expiry Date:    /    /    </p> <p style="margin-left: 40px;">M    D    Y</p> <p><b>Mark:    / .5</b></p> | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E .5</b> Meets acceptable standard <i>and</i> faller has minimum of current Level 1 first aid training.</li> <li><input type="checkbox"/> <b>A .4</b> <b>Acceptable standard:</b> first aid kit that meets the requirements of OHS Regulation, knows the location of first aid, and how to initiate emergency procedures.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes first aid that does not meet requirements of OHS Regulation and the fallers working without reporting to employer or supervisor.</li> </ul> <p><b>Comments to Faller:</b></p> |

**Total marks for this part:    / .5**

## Part 4 – Identifying Hand Tools and Equipment

**Objective:** The Professional Faller uses well-maintained tools and equipment.

| Items/Comments:   | Marking Conditions   |
|---|--|
| <p><b>Axe</b><br/><b>Note: Full size axe is an axe with a minimum 27 inches in overall length and 3.5 lbs. head</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E</b> - Spare axe readily available</li> <li><input type="checkbox"/> <b>U</b> - Axe head &amp; handle length inadequate for timber size and or ability to wedge trees into proper lay</li> </ul> <p><b>Mark:    / 1</b></p> | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E 1</b> Meets acceptable standard <i>and</i> axe handle length is appropriate for timber size and body size to prevent MSIs. Spare axe available in falling area (e.g. with spare saw).</li> <li><input type="checkbox"/> <b>A .75</b> <b>Acceptable standard:</b> Includes having axe at the base of tree being felled, pinned or secured head, handle in good condition. <b>If carried on the body,</b> the axe must be in an acceptable carrier, minimum of a 3.5 lbs. head and a minimum of 17" handle length measured from the end of the handle to the start of the axe head.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes no axe available at the base of tree being felled, not available in the falling area, or broken handle or head not pinned or secured or an axe of inappropriate size for the timber being felled.</li> </ul> <p><b>Comments to Faller:</b></p> |
| <p><b>Wedges</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E</b> - 2 extra wedges available in falling area</li> <li><input type="checkbox"/> <b>E</b> - Faller checks for stress cracks</li> <li><input type="checkbox"/> <b>A</b> - 3 appropriate wedges</li> </ul> <p><b>Mark:    / 1</b></p>   | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E 1</b> Meets acceptable standard <i>and</i> minimum of 3 wedges available at the base of tree being felled, no burrs, appropriate to timber type and weather conditions. Minimum of two extra wedges available.</li> <li><input type="checkbox"/> <b>A .75</b> <b>Acceptable standard:</b> Includes 3 wedges appropriate for timber size and available at the base of the tree being felled.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes no wedges at the base of tree being felled. No wedges available.</li> </ul> <p><b>Comments to Faller:</b></p>  |

**Total marks for this part:    / 2**

## Part 5 – Determine Chainsaw Suitability

**Objective:** The Professional Faller chooses a suitable chainsaw for the task.

| Items/Comments:   | Marking Conditions   |
|---|--|
| <p><b>Chainsaw Criteria and Safety Features:</b></p> <p><b>idle adjustment</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Saw type:</li> <li><input type="checkbox"/> Bar length:</li> <li><input type="checkbox"/> Handle bar type:</li> <li><input type="checkbox"/> <b>A</b> - Chain catcher in place</li> <li><input type="checkbox"/> <b>U</b> - Modified muffler impacting on man-check</li> <li><input type="checkbox"/> <b>U</b> - Modified saw</li> </ul> <p><b>Mark:    /3</b></p> | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E 3</b> Meets acceptable standard <i>and</i> spare saw readily available.</li> <li><input type="checkbox"/> <b>A 2</b> <b>Acceptable standard:</b> Includes chainsaw with manufacturers full wrap handlebars and adequate falling dogs, meets CSA standard including a functioning chainbrake. Chainsaw and bar length compatible with timber size. Chainsaw in good operating condition, and all safety features functioning and idle properly adjusted. Spare bar and chain readily available.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes chainsaw without manufacturers’ full wrap handlebars and with no dogs, doesn’t meet CSA standard, chainbrake doesn’t function, modified muffler, saw is not being properly maintained, damaged components.</li> </ul> <p><b>Comments to Faller:</b></p> |

**Total marks for this part:    /3**

## Part 6 – Practice Chainsaw Maintenance

**Objective:** The Professional Faller maintains the chainsaw for the task.

| Items/Comments:  | Marking Conditions  |
|--|---|
| <p><b>Chainsaw Filing: tensioning of chain</b></p> <p>Check the following:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Ground</li> <li><input type="checkbox"/> Hand-filed</li> </ul> <p>File size:</p> <p>Chain size:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 3/8</li> <li><input type="checkbox"/> 404</li> </ul> <p>Chain type:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Regular</li> <li><input type="checkbox"/> Safety</li> <li><input type="checkbox"/> Skip tooth</li> <li><input type="checkbox"/> Full House</li> </ul> <p><b>Mark:    /3</b></p> | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E 3</b> Meets acceptable standard <i>and</i> raker gauge is available and consistently used.</li> <li><input type="checkbox"/> <b>A 2</b> <b>Acceptable standard:</b> Includes chain properly tensioned, bar and tip in good condition, cutter teeth evenly and equally filed. Chainsaw cuts smoothly, files and tools are available. If ground chain is used it must be ground to manufacturers specifications.</li> <li><input type="checkbox"/> <b>L 1</b> Least acceptable standard: Includes gullet not filed out to prevent kickback hazard or causing double cutting by the chain (e.g. chatter or rough chain cuts left on the stumps).</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes chain improperly tension (i.e.: too loose or too tight), bar and tip worn out, rakers not filed properly, cutter teeth uneven. Chainsaw cuts roughly, broken chain links. File tang not protected.</li> </ul> <p><b>Comments to Faller:</b></p> |

**Total marks for this part:    /3**

## Part 7 – Demonstrate Chainsaw Operation

**Objective:** The Professional Faller can safely use the chainsaw for the task.

| Items/Comments:  | Marking Conditions  |
|--|---|
| <p><b>Carrying the Saw &amp; Tools, In and Out of Falling Area</b><br/> <i>Comments to Faller:</i></p> <p><b>Mark: /2</b></p>  | <p><input type="checkbox"/> <b>E 2</b> Meets acceptable standard <i>and</i> trails marked and communicated to emergency personnel.</p> <p><input type="checkbox"/> <b>A 1.5 Acceptable standard:</b> Includes properly cleared trail, bar and chain pointed behind on downhill side, gas and oil carried in opposite side. Saw carried on shoulder for long distance with chain removed from bar and saw dogs effectively guarded.</p> <p><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes no trail, saw carried on shoulder without chain removed and dogs guarded.</p>   |
| <p><b>Starting the Chainsaw</b><br/> <input type="checkbox"/> <b>E</b> - Chainbrake engaged to control saw during fast idle start<br/> <i>Comments to Faller:</i></p> <p><b>Mark: /2</b></p>   | <p><input type="checkbox"/> <b>E 2</b> Meets acceptable standard <i>and</i> chainbrake is engaged prior to controlled start of saw.</p> <p><input type="checkbox"/> <b>A 1.5 Acceptable standard:</b> Includes controlled start of the saw. Saw fueled without unnecessary spillage, containers stored in a safe location, and starts chainsaw minimum 10 ft away from containers</p> <p><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes uncontrolled/unsupported start of saw.</p>   |
| <p><b>Chainsaw Handling Techniques</b><br/> <input type="checkbox"/> <b>E</b> - Faller switches hands to maintain control of saw and to prevent MSI<br/> <input type="checkbox"/> <b>E</b> – Faller doesn't overreach with chainsaw<br/> <input type="checkbox"/> <b>E</b> - Changes hands to be in a safe bucking position<br/> <input type="checkbox"/> <b>U</b> – Back barring while falling</p> <p><b>Mark: /2</b></p> | <p><input type="checkbox"/> <b>E 2</b> Meets acceptable standard <i>and</i> can use chainsaw smoothly and effectively with left or right hand. Removes all hindrances to safe cutting.</p> <p><input type="checkbox"/> <b>A 1.5 Acceptable standard:</b> Includes hands on chainsaw at all times, comfortable grip, 3-point stance, solid footing, body to one side, pulls chainsaw smoothly out of cuts, and is prepared for kickbacks at all times and doesn't overreach. Backbarring limited to small (6 DBH) saplings, under bucking and removal of stump whiskers.</p> <p><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes one hand on chainsaw, over reaches when cutting, stands directly behind chainsaw, not prepared for kickbacks, poor body positioning and footing.</p> <p><i>Comments to Faller:</i></p> |
| <p><b>Carrying the Saw Tree to Tree or Bucking</b><br/> <input type="checkbox"/> <b>E</b> – Saw shut off between falling or bucking cuts and lifts ear muffs<br/> <input type="checkbox"/> <b>A</b> – Saw shut off &amp; man-check conducted with lifted earmuff</p> <p><b>Mark: /2</b></p>  | <p><input type="checkbox"/> <b>E 2</b> Meets acceptable standard <i>and</i> chain brake activated between cuts, chainsaw shut off on regular basis or when moving longer distances.</p> <p><input type="checkbox"/> <b>A 1.5 Acceptable standard:</b> Includes chain properly adjusted to prevent a running chain.</p> <p><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes carrying a chainsaw with a running chain.</p> <p><i>Comments to Faller:</i></p>   |

**Total marks for this part: \_\_\_\_/8**



## Part 9 – Recognize Adverse Weather Hazards

**Objective:** The Professional Faller uses safe work procedures in adverse weather.

| Items/Comments:   | Marking Conditions  |
|---|---|
| <p><b>Adverse Weather Conditions</b><br/>(Includes fog, wind, lightning, snow, extreme temperatures, avalanche, rain)</p> <p><b>Whose call is it for wind?</b><br/><b>Whose call is it for fog?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> The Faller's</li> <li><input type="checkbox"/> Faller is aware of site specific shutdown criteria</li> </ul> <p><b>Mark: /1</b></p> | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E 1</b> Meets acceptable standard <i>and</i> faller knows when to shut down due to adverse weather condition, has site specific knowledge of emergency response to adverse weather conditions and has a personal emergency response plan.</li> <li><input type="checkbox"/> <b>A .75</b> <b>Acceptable standard:</b> Includes faller is wearing and or has available clothing appropriate to conditions. Faller is aware of weather related shut down criteria. Emergency access/egress concerns assessed.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes faller is improperly dressed for conditions, unaware of weather related shut down criteria.</li> </ul> <p><b>Comments to Faller:</b></p> |

Total marks for this part: \_\_\_/1

## Part 10 - Demonstrate Process of Falling

**Objective:** The Professional Faller uses safe work procedures when preparing to fall.

| Items/Comments:   | Marking Conditions  |
|---|---|
| <p><b>Site Assessment</b><br/><b>Acceptable procedure:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Faller has a step-by-step falling plan that was discussed with QS/T before the falling of any timber. This included the safe area for the QS/T to observe.</li> <li><input type="checkbox"/> Daily falling plan discussed with partner</li> <li><input type="checkbox"/> Faller aware of area hazards or other crews in area</li> </ul> <p><b>Mark: /3</b></p> | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E 3</b> Meets acceptable standard <i>and</i> faller has developed a step by step plan on how the area will be felled and how significant hazards will be addressed. Concerns are discussed with supervisor or person qualified to provide assistance.</li> <li><input type="checkbox"/> <b>A 2</b> <b>Acceptable standard:</b> Includes walking the falling area prior to falling, takes note of overhead, ground, area hazards (terrain), and other worksite hazards (other activities).</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes faller begins work without walking the falling area, no work plan developed.</li> </ul> <p><b>Comments to Faller:</b></p> |



## Part 11 – Falling a Tree

**Objective:** The Professional Faller uses safe work procedures when falling.

| Items/Comments:  | Marking Conditions  |
|--|---|
| <p><b>Falling the Tree</b><br/><b>Falling Procedure:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Good tree assessment from high side</li> <li><input type="checkbox"/> Uses sight lines to construct undercut with saw dogged in</li> <li><input type="checkbox"/> Good body position (one knee)</li> <li><input type="checkbox"/> Uses chainbrake when checking undercut</li> <li><input type="checkbox"/> Knocked out undercut with axe</li> <li><input type="checkbox"/> Checks &amp; cleans out undercut</li> <li><input type="checkbox"/> Re-sighted undercut</li> <li><input type="checkbox"/> Cleans off duff or bark for wedge placement</li> <li><input type="checkbox"/> Sighted backcut through undercut and saw dogged in while making backcut</li> <li><input type="checkbox"/> Uses chain brake when checking outside corner of holding wood</li> <li><input type="checkbox"/> Palmed a wedge</li> <li><input type="checkbox"/> Set the wedge</li> <li><input type="checkbox"/> Strikes wedge &amp; looks up &amp; waits for the energy to travel to the tree top before striking wedge again</li> <li><input type="checkbox"/> When tree is committed to the fall, moves away from stump to cover</li> <li><input type="checkbox"/> Waits for canopy to settle down before returning to the stump</li> <li><input type="checkbox"/> Back at the stump checks canopy again before back barring whiskers off stump</li> <li><input type="checkbox"/> Appropriate falling cuts used</li> </ul> <p><b>Unacceptable:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Back barring falling cuts</b></li> </ul> <p><b>Mark:     /15</b></p> | <p><b>Marking Conditions</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E 15</b> Meets acceptable standard <i>and</i> brushes out escape route and uses saw sight lines to construct undercut/backcut. Body position meets MSI prevention, wedges placed as soon as possible. Escapes 10 feet away from stump and takes cover when available. Waits for canopy to stabilize before returning to stump. Removes stump pull.</li> <li><input type="checkbox"/> <b>A 12</b> <b>Acceptable standard:</b> Includes tree assessment completed, escape route brushed out, <b>undercut/back cut appropriate</b>, back barring limited to small saplings, and removing whiskers/bark to shoot debris away from faller, uses wedges when required, looks up during and as tree falls, tree falls in intended direction, works on the high side of the tree, and escapes 10 feet from stump and takes cover when available.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes fails to assess tree, no falling plan, inadequate undercuts or backcuts, fails to escape or take cover. Domino falls.</li> </ul> <p><b>*Note to QS/T:</b></p> <p><b>If the faller is observed constructing under cuts and back cuts using back barring techniques <i>and/or</i> falling from the low side of the tree, the evaluation must stop!</b></p> <p><b>Advise the faller of the requirements of the BC Faller Training Standard before continuing the evaluation.</b></p> <p><b>Comments to Faller:</b></p> |

**Total marks for this part: \_\_\_\_/15**



## Part 12 – Demonstrate Use of Axe, Wedges and Directional Control, continued

| Items/Comments:   | Marking Conditions  |
|---|---|
| <p><b>Demonstrate Directional Control</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Uses saw sight lines</li> <li><input type="checkbox"/> Appropriate falling cuts chosen</li> <li><input type="checkbox"/> Places tree for safe bucking</li> <li><input type="checkbox"/> Places tree for harvesting</li> <li><input type="checkbox"/> Places tree for consideration to breakage</li> <li><input type="checkbox"/> Bar length suitable to timber size</li> </ul> <p><b>Mark: /4</b></p> | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E 4</b> Meets acceptable standard <i>and</i> inserts wedge as soon as possible in offset location. Holding wood angle is off set to ensure that the tree falls in intended direction, by using the saw sight lines to check the amount of holding wood left.</li> <li><input type="checkbox"/> <b>A 3</b> <b>Acceptable standard:</b> Includes faller evaluates the tree as to the ability to directional fall the stem, based upon tree condition and size. Faller uses saw sight lines to make undercut which places the tree in the intended direction of fall. Checks holding wood to ensure that it is maintained on the low side.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes tree fails to fall in intended direction due to holding wood cut off or inadequate undercut/backcut.</li> </ul> <p><b>Comments to Faller:</b></p> |

Total marks for this part: \_\_\_/8

## Part 13– Recognize Dangerous Falling Practices

**Objective:** The Professional Faller recognizes dangerous falling practices.

| Items/Comments:   | Marking Conditions   |
|---|--|
| <p><b>Brushing</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E</b> - Trees felled to avoid brushing other timber</li> <li><input type="checkbox"/> <b>E</b> - No brushing observed along falling face</li> <li><input type="checkbox"/> <b>A</b> - Minor brushing observed</li> <li><input type="checkbox"/> <b>A</b> – Minor brushing of trees while opening up face</li> <li><input type="checkbox"/> <b>A</b> - No brushing of saplings, short stump stubs or snags</li> <li><input type="checkbox"/> <b>A</b> - Brushed tree felled prior to any other work activities</li> <li><input type="checkbox"/> <b>U</b> – Trees were brushed from holding timber tight to the face</li> <li><input type="checkbox"/> <b>U</b> – No plan to limit brushing timber</li> </ul> <p><b>Mark: /3</b></p> | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E 3</b> Meets acceptable standard <i>and</i> removes trees with large limbs or multiple tops, ensures adequate clearance from falling face. Does not brush standing trees with trees being felled.</li> <li><input type="checkbox"/> <b>A 2.5</b> <b>Acceptable standard:</b> Includes creating a safe area to open up the falling face, uses natural openings, removes saplings and dangerous trees, follows the falling plan.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes regularly brushing standing timber with trees being felled, fails to remove dangerous trees, saplings and other obstruction to falling.</li> </ul> <p><b>Comments to Faller:</b></p> |

Total marks for this part: \_\_\_/3

## Part 14 – Manage Falling Hazards

**Objective:** The Professional Faller uses safe work procedures when falling in difficult situations.

| Items/Comments:  | Marking Conditions  |
|--|---|
| <p><b>Up Slope Falling</b><br/>Questions if situation not available</p> <p><i>Note: .25 marks for each correct answer</i></p> <p><b>Ask: At what percent of ground slope does it become dangerous to fall a tree straight up the hill?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 45% &amp; greater</li> </ul> <p><b>Ask: With slopes 45% or greater, what is the maximum degree of upslope falling allowed from level?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 15 degrees</li> </ul> <p><b>Ask: What are the hazards?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> A - Tree sliding back/tree kicking up in air/limbs striking faller as it slides backwards or tree butt hitting faller</li> </ul> <p><b>Ask: What falling cuts must be used?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Swanson undercut with predetermined backcut height</li> </ul> <p><b>Mark: /1</b></p> | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E 1</b> Meets acceptable standard <i>and</i> uses specialty undercut, escape route more than 10 feet and takes cover, faller stops and seeks qualified assistance when 15<sup>0</sup> degrees cannot be maintained.</li> <li><input type="checkbox"/> <b>A .75</b> <b>Acceptable standard:</b> Includes trees are felled at or near 15<sup>0</sup> degrees up slope, planned and cleared escape route, higher backcut.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes trees are felled up slope consistently above 15<sup>0</sup> degrees up slope, backcut lacks step, no escape routes.</li> </ul> <p><b>Comments to Faller:</b></p> <p><input type="checkbox"/> <b>OBSERVED</b></p> <p><input type="checkbox"/> <b>REVIEWED/DISCUSSED</b></p>   |
| <p><b>Heavy Leaners</b><br/>Questions if situation not available<br/>.5 marks for each correct answer</p> <p><b>Ask: What are the hazards?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Root/stump/mat pull</li> <li><input type="checkbox"/> Barber chair</li> <li><input type="checkbox"/> Pinched saw</li> </ul> <p><b>Ask: What falling cuts would you use to prevent the hazards?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> As large an undercut as the tree will allow, up to but not more than ¼ tree diameter</li> <li><input type="checkbox"/> Corner up or side strap the low &amp; high sides, leaving a strap in the back to finish</li> <li><input type="checkbox"/> Could also bore just behind holding wood to reduce pressure before finishing backcut</li> </ul> <p><b>Mark: /2.5</b></p>  | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E 2.5</b> Meets acceptable standard <i>and</i> roots and tree are assessed for stability and soundness. Tree felled slightly off lay to lessen stump pull.</li> <li><input type="checkbox"/> <b>A 2</b> <b>Acceptable standard:</b> Includes assessing tree as a heavy leaner, undercut no more than ¼ tree diameter. Backcut is predetermined and constructed by cornering the low side, then high side completed by cutting middle holding wood. Faller watches for stump pull. Tree felled with lean.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes failing to assess tree as a heavy leaner, deeper undercut than ¼ tree diameter, no attempt to corner up, backcut lower than undercut.</li> </ul> <p><b>Comments to Faller:</b></p> <p><input type="checkbox"/> <b>OBSERVED</b></p> <p><input type="checkbox"/> <b>REVIEWED/DISCUSSED</b></p> |

## Part 14 – Manage Falling Hazards, continued

| Items/Comments:  | Marking Conditions   |
|--|--|
| <p><b>Pushing/Limb Tied Trees</b><br/>           Questions if situation not available<br/>           .5 marks for each correct answer<br/> <b>Ask: What are the hazards?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Overhead hazards</li> <li><input type="checkbox"/> Front cut-up tree could fall unexpectedly</li> <li><input type="checkbox"/> Front tree could be dangerous</li> </ul> <p><b>Ask: When is pushing acceptable?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> To overcome specific falling difficulties</li> </ul> <p><b>Ask: What are the safe work procedures?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Assess both trees to withstand pushing</li> <li><input type="checkbox"/> Brushes out escape trails</li> <li><input type="checkbox"/> Cut-up front tree, sets wedge</li> <li><input type="checkbox"/> Falls second tree, and move to cover</li> </ul> <p><b>Mark: /4</b></p>   | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E 4</b> Meets acceptable standard <i>and</i> tree being pushed or limbed tied kept in sight at all times, chainsaw sight lines used to determine direction of fall. Full size axe readily available.</li> <li><input type="checkbox"/> <b>A 3</b> <b>Acceptable standard:</b> Includes pushing/limb tied only to overcome a falling difficulty, both trees are assessed for hazards and defects. Pusher and back tree must be large enough to facilitate push. Two escape trails constructed (1 for each tree), proper falling cuts used and wedges set.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes pushing consistently for production purposes, pusher tree too small, pushing with a danger tree, not looking up, no escape trails, constructs escape route(s).</li> </ul> <p><b>NOTE:</b><br/> <i>Alternate method if the front tree is suspect:<br/>           Put the undercut in back green tree first, then place falling cuts and set wedge in front tree, move to the back tree and finish the backcut, moving away to cover.</i></p> <p><b>Comments to Faller:</b></p> <p><input type="checkbox"/> <b>OBSERVED</b></p> <p><input type="checkbox"/> <b>REVIEWED/DISCUSSED</b></p>   |
| <p><b>Dangerous Trees</b><br/> <b>Safe work procedure:</b><br/>           .25 marks for each correct answer if situation not available</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Fuel up saw first</li> <li><input type="checkbox"/> Uses correct bar length</li> <li><input type="checkbox"/> Assess stability of snag</li> <li><input type="checkbox"/> Sound snag with axe</li> <li><input type="checkbox"/> Brushes out two escape routes while facing the hazards</li> <li><input type="checkbox"/> Undercut depth 25% to 40%</li> <li><input type="checkbox"/> Places cuts at comfortable stump height</li> <li><input type="checkbox"/> Faller checks sawdust color</li> <li><input type="checkbox"/> Backcut appropriate height above undercut</li> <li><input type="checkbox"/> Places two wedges</li> <li><input type="checkbox"/> Shuts saw off/lifts ear muffs</li> <li><input type="checkbox"/> Rechecks escape routes</li> <li><input type="checkbox"/> Alternately taps the 2 wedges</li> <li><input type="checkbox"/> As snag falls moves to cover</li> <li><input type="checkbox"/> Stays behind cover longer than normal before returning to the stump</li> <li><input type="checkbox"/> At the stump immediately looks back in the canopy for hazards</li> </ul> <p><b>Mark: /4</b></p> | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E 4</b> Meets acceptable standard <i>and</i> two escape routes constructed, cleared and tested. Assesses tree soundness and monitors tree sawdust for change indicators; wedges when only absolutely necessary, uses proper bar length, shuts off saw, removes hearing protection when wedging and removes high stump.</li> <li><input type="checkbox"/> <b>A 3</b> <b>Acceptable standard:</b> Includes performing a full tree assessment, dangerous tree is felled into open area, felled with lean if possible, comfortable stump height, watches top for movement or failure, and predetermines higher backcut height.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes failing to perform a full tree assessment, dangerous tree felled into standing timber, no escape routes excessively large undercut (i.e.: 50% of tree diameter, heavy wedging, not removing hearing protection when wedging, backcut below undercut).</li> </ul> <p><b>NOTE:</b><br/> <i>If conventional methods cannot be safely employed to remove a dangerous tree, blasting or other acceptable methods must be used.</i></p> <p><b>Comments to Faller:</b></p> <p><input type="checkbox"/> <b>OBSERVED</b></p> <p><input type="checkbox"/> <b>REVIEWED/DISCUSSED</b></p> |

**Total marks for this part: \_\_\_\_/11.5**

## Part 15 – Identifying Special Falling Techniques

**Objective:** The Professional Faller uses special falling techniques in difficult situations.

| Items/Comments:  | Marking Conditions  |
|--|---|
| <p><b>Falling Against the Lean/Small diameter tree</b></p> <p>Questions if situation not available<br/>.25 for each correct answer</p> <p><b>Ask: What are the hazards?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Tree can fall backwards &amp; hang up in standing timber</li> <li><input type="checkbox"/> Loss of directional control can cause brushing of other trees</li> <li><input type="checkbox"/> Tree if cut off could strike faller</li> </ul> <p><b>Ask: How do you fall against the lean?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Predetermine backcut height first &amp; sets wedge           <ul style="list-style-type: none"> <li><input type="checkbox"/> Saw undercut slightly below backcut to limit vertical holding wood</li> <li><input type="checkbox"/> Shut off saw and wedge tree over using 2 wedges if required</li> </ul> </li> </ul> <p><b>Mark: /1.5</b></p> | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E 1.5</b> Meets acceptable standard <i>and</i> faller does assessment which determines that falling against the lean is necessary. Humbolt undercut used, sets 2 wedges if required, wedges are struck alternately to bring tree over.</li> <li><input type="checkbox"/> <b>A .75</b> <b>Acceptable standard:</b> Includes constructing backcut first, then setting a wedge as soon as possible, finishes backcut while maintain adequate holding wood, <b>constructs undercut slightly</b> below backcut to provide an anti-kickback step and assist wedging.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes faller doesn't do tree assessment, undercut constructed first and too deep (50% of diameter), wedge not set, tree sets back and may fall over backwards.</li> </ul> <p><b>Comments to Faller:</b></p> <p><input type="checkbox"/> <b>OBSERVED</b></p> <p><input type="checkbox"/> <b>REVIEWED/DISCUSSED</b></p>  |
| <p><b>Short Stubby Tree</b></p> <p><b>Discussion points:</b></p> <p><b>What are the hazards?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Stem could be unstable &amp; collapse</li> <li><input type="checkbox"/> Falling tree striking the stub can cause the tree to kickback over the stump or kick sideways</li> <li><input type="checkbox"/> Difficult to fall due to all the weight being at the base</li> <li><input type="checkbox"/> Lack of a deep undercut which can result in holding wood being cut off</li> <li><input type="checkbox"/> Risk to harvesting crew</li> <li><input type="checkbox"/> Lack of clean escape trail</li> <li><input type="checkbox"/> Brushes out escape route(s) while facing the hazard</li> <li><input type="checkbox"/> Failing to do a full tree assessment</li> </ul> <p><b>Comments to Faller:</b></p>   | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>E 1.5</b> Meets acceptable standard <i>and</i> uses specialty falling techniques with a larger undercut and backcut slightly above undercut.</li> <li><input type="checkbox"/> <b>A .75</b> <b>Acceptable standard:</b> Includes fully assessing the short stubby tree, checks for defects and hazards and removes it, constructs escape route(s) while facing the hazard. Constructs appropriate undercut and backcut.</li> <li><input type="checkbox"/> <b>U 0</b> Unacceptable: Fails to meet above acceptable standard, includes failing to do a full tree assessment and doesn't remove short stubby trees.</li> </ul> <p><b>.25 mark for each correct answer below</b> (if situation not available):</p> <p><b>Ask: How do you fall these stubby trees?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <i>Faller assess stability of stem</i></li> <li><input type="checkbox"/> <i>Construct large open deep undercut up to 50%</i></li> <li><input type="checkbox"/> <i>Backcut sawn in slightly above undercut to limit vertical holding wood</i></li> <li><input type="checkbox"/> <i>Palm a wedge</i></li> <li><input type="checkbox"/> <i>Do not cut off the holding wood as it will sit down on stump</i></li> <li><input type="checkbox"/> <i>If wedging required, shut off saw, lift ear muffs and wedge watching the top, be prepared to escape quickly</i></li> </ul> <p><input type="checkbox"/> <b>OBSERVED</b></p> <p><input type="checkbox"/> <b>REVIEWED/DISCUSSED</b></p> |





## Part 17 – Demonstrating the Bucking Process

**Objective:** The Professional Faller bucks logs safely.

**Items/Comments:**

**Marking Conditions**

### Bucking Cuts:

#### Discussion:

#### Safe work procedure

- Checks surrounding area for potential chain reactions such as sliding and rolling logs
- Rechecks canopy
- Reassess tree stability after limbing
- Checks for obstacles that could cause the tree to pivot, roll or move
- Determines high side and direction of gravity pull
- Checks for hidden limbs or pinned saplings
- Identify the binds
- Plans the sequence of cuts
- Bucked log lengths at or near the pivot points
- Determine and brushed out a safe bucking position on the high side
- Ensured stable footing
- After completing each cut used chain brake and reassess tree before making other bucking cuts
- Used axe and wedge or spare saw when pinched
- When finished bucking shut off saw and lifts ear muffs to conduct man-check

Ask Faller about wedge use in closing cuts and cutting "V" notches in heavy binds

**Faller must demonstrate either:**

- Log length
- Ground debris
- Blowdown

**Mark:**    /10

- E** 10 Meets acceptable standard *and* cuts match and are complete, no splitting of log, makes V-cut on excessive binds. Uses axe and wedge to free saw if pinched or uses spare saw.
- A** 7.5 **Acceptable standard:** Includes faller assesses the area for overhead hazards, assesses the tree for bind and stability, ensures there are no loose objects above or behind, clears adequate escape and has secure footing, and prepares for kickback. Cuts are straight, bucking cuts are completed, limited splitting of log.
- U** 0 Unacceptable: Fails to meet above acceptable standard, includes faller begins cutting without assessment of binds, cuts are crooked and incomplete, mismatched, chainsaw is constantly stuck.

### Complete Bucking Cuts Evaluation Sheet Based on 10 bucking cuts, faller must demonstrate either: log length, ground debris or blowdown

*Note: Total up the bucking points to determine final mark*

| TOP BIND | E                          | A                            | U                          |
|----------|----------------------------|------------------------------|----------------------------|
| Cut # 1  | <input type="checkbox"/> 1 | <input type="checkbox"/> .75 | <input type="checkbox"/> 0 |
| Cut # 2  | <input type="checkbox"/> 1 | <input type="checkbox"/> .75 | <input type="checkbox"/> 0 |
| Cut # 3  | <input type="checkbox"/> 1 | <input type="checkbox"/> .75 | <input type="checkbox"/> 0 |
| Cut # 4  | <input type="checkbox"/> 1 | <input type="checkbox"/> .75 | <input type="checkbox"/> 0 |
| Cut # 5  | <input type="checkbox"/> 1 | <input type="checkbox"/> .75 | <input type="checkbox"/> 0 |

**Comments to Faller:**

| BOTTOM BIND | E                          | A                            | U                          |
|-------------|----------------------------|------------------------------|----------------------------|
| Cut # 1     | <input type="checkbox"/> 1 | <input type="checkbox"/> .75 | <input type="checkbox"/> 0 |
| Cut # 2     | <input type="checkbox"/> 1 | <input type="checkbox"/> .75 | <input type="checkbox"/> 0 |
| Cut # 3     | <input type="checkbox"/> 1 | <input type="checkbox"/> .75 | <input type="checkbox"/> 0 |
| Cut # 4     | <input type="checkbox"/> 1 | <input type="checkbox"/> .75 | <input type="checkbox"/> 0 |
| Cut # 5     | <input type="checkbox"/> 1 | <input type="checkbox"/> .75 | <input type="checkbox"/> 0 |

**Comments to Faller:**

**Total marks for this part:**    \_\_\_/10

E - excellent, best practice  
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A - meets the acceptable standard

U - does not meet the acceptable standard

## Part 18 A – Demonstrate Falling Cuts

**Objective:** The Professional Faller uses safe work procedures when making falling cuts.

| Items/Comments: | Marking Conditions |
|-----------------|--------------------|
|-----------------|--------------------|

### Undercuts & Backcuts

**\* Note:** If the faller determined that the tree had to be wedged the undercut depth should be ¼ of the tree diameter

**\*Note:**

Timber 60 inches or more in diameter can have the heart wood cut out of the stem, but holding wood must be maintained on both corners of the stump to maintain control of the tree.

**\*Note:**

Short stubbys can have an undercut up to 50%

**\*Note:**

Reference Info Flips

**Total stump points divided by the number of stumps assessed=mark awarded**

- **E 15** Preferred undercut and backcut are straight & level and completed from high side. Preferred undercut selected for: wedging, timber type and terrain. Undercut is cleaned out and is the preferred percentage of tree diameter. The undercut opening is of the preferred ratio for the type of undercut selected. Holding wood and preferred anti-kickback step are maintained across the entire stump. (see table below) Also see \*Note
- 14 Preferred undercut and back cut are straight & level and completed from high side. Undercut is 1/3 of the tree diameter and is angled to ensure that the opening is at least ½ the length of the top cut. Undercut is cleaned out. Holding wood is maintained across the entire stump. Also see \*Note
- 13 Meets acceptable standard and depth of undercut is 1/3 tree diameter. Holding wood is maintained across the entire stump. Also see \*Note
- **A 12 Acceptable standard:** Includes appropriate undercut and backcut are completed from high side, are slightly off level, depth of the undercut between 25% and 40% of the tree diameter. Undercut is cleaned out. The cuts forming the opening of the undercut are 1/3 to ½ the length of the top cut. Backcut is slightly above the undercut, slightly off level. Holding wood is preferably maintained across the entire stump but at minimum must be on both corners. Also see \*Note
- 3 Undercut is off level, not cleaned out or corrected, too deep or too shallow over 40% or less than 25% of diameter opening is less than 1/3 the length of the top cut. Backcut is flush to undercut – no step. Excessive holding wood left on the low side of the stump.
- **U 0** Unacceptable: Fails to meet the acceptable standard, undercut 50% or greater of the tree diameter, no undercut, dutchman, backcut is below undercut, holding wood is cut off. Tree splits or barber chairs and there is excessive slope from back-barring.

### Anti-kickback Step Reference Guide in Relation to Stump Diameter

75% of the anti-kickback step must be within the preferred height tolerances, as listed below:

| Humbolt, Swanson undercuts                   | Preferred anti-kickback step  |
|--|-------------------------------|
| Up to 36" (3'-0") diameter                   | ¾ - 1 inch height difference  |
| 48" (4'-0") to 60" (5'-0") diameter          | 1 ½ inch height difference    |
| 72" (6'-0") to 84" (7'-0") diameter          | 2 inch height difference      |
| 96" (8'-0") to 108" (9'-0") diameter         | 3 inch height difference      |
| 120" (10'-0") to 144" (12'-0") diameter      | 4 inch height difference      |
| 156" (13'-0") diameter and above             | 6 inch height difference      |
| Conventional and Pie (frozen wood) undercuts | Preferred anti-kickback step  |
| Up to 14" (1'-2") diameter                   | ¾ to 1 inch height difference |
| 16" (1'-4") to 36" (3'-0") diameter          | 2 inch height difference      |
| 48" (4'-0") to 60" (5'-0") diameter          | 3 inch height difference      |
| 72" (6'-0") to 84" (7'-0") diameter          | 4 inch height difference      |
| 96" (8'-0") to 108" (9'-0") diameter         | 6 inch height difference      |
| 120" (10'-0") to 144" (12'-0") diameter      | 8 inch height difference      |
| 156" (13'-0") diameter and above             | 12 inch height difference     |

**Total marks for this part: \_\_\_\_\_/15**

## Part 18 B – Demonstrate Falling Cuts

Total stump points divided by the number of stumps assessed equals final mark awarded

| Stump # | Tree Species | Ground Slope % | Dia. inches | B/C inches | U/C inches | U/C depth % | U/C type | U/C Opening | Backstep Highside inches | Backstep Lowside inches          | Score      |
|---------|--------------|----------------|-------------|------------|------------|-------------|----------|-------------|--------------------------|----------------------------------|------------|
| 1       |              |                |             |            |            |             |          |             |                          |                                  | /15        |
| 2       |              |                |             |            |            |             |          |             |                          |                                  | /15        |
| 3       |              |                |             |            |            |             |          |             |                          |                                  | /15        |
| 4       |              |                |             |            |            |             |          |             |                          |                                  | /15        |
| 5       |              |                |             |            |            |             |          |             |                          |                                  | /15        |
| 6       |              |                |             |            |            |             |          |             |                          |                                  | /15        |
| 7       |              |                |             |            |            |             |          |             |                          |                                  | /15        |
| 8       |              |                |             |            |            |             |          |             |                          |                                  | /15        |
| 9       |              |                |             |            |            |             |          |             |                          |                                  | /15        |
| 10      |              |                |             |            |            |             |          |             |                          |                                  | /15        |
| 11      |              |                |             |            |            |             |          |             |                          |                                  | /15        |
| 12      |              |                |             |            |            |             |          |             |                          |                                  | /15        |
| 13      |              |                |             |            |            |             |          |             |                          |                                  | /15        |
| 14      |              |                |             |            |            |             |          |             |                          |                                  | /15        |
| 15      |              |                |             |            |            |             |          |             |                          |                                  | /15        |
|         |              |                |             |            |            |             |          |             |                          | <b>TOTAL<br/>(OUT<br/>OF 15)</b> | <b>/15</b> |

**STUMP COMMENTS:**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

Field Examination and Evaluation Grand Total:

| <b>Part Number and Title</b>   | <b>Mark</b> |
|--|-------------|
| Part 1 – Personal Protective Equipment   | /1          |
| Part 2 – Identifying Safe Work Procedures                                      | /5.5        |
| Part 3 – Identifying Emergency and Evacuation Procedures                       | /5          |
| Part 4 – Identifying Hand Tools and Equipment                                  | /2          |
| Part 5 – Determining Chainsaw Suitability                                      | /3          |
| Part 6 – Practicing Chainsaw Maintenance                                       | /3          |
| Part 7 – Demonstrating Chainsaw Operation                                      | /8          |
| Part 8 – Review Plan of Falling Area   | /2          |
| Part 9 – Recognize Adverse Weather Conditions                                  | /1          |
| Part 10 – Demonstrate Process of Falling                                       | /7          |
| Part 11 – Falling a Tree   | /15         |
| Part 12 – Demonstrate Use of Axe, Wedges, and Directional Control              | /8          |
| Part 13 – Recognize Dangerous Falling Practices                                | /3          |
| Part 14 – Manage Falling Hazards   | /11.5       |
| Part 15 – Identifying Special Falling Techniques                               | /4          |
| Part 16 – Demonstrating Limbing and Taping                                     | /5          |
| Part 17 – Demonstrating the Bucking Process                                    | /10         |
| Part 18 – Demonstrate Falling Cuts   | /15         |
| <b>Grand Total</b>   | <b>/100</b> |
| <input type="checkbox"/> <b>Passing Mark is 75</b> (out of 100 possible marks) |             |
| <b>Comments on grand total:</b><br>(Restrictions, Classification)              |             |

I acknowledge that comments and any recommendations made resulting from my Field Evaluation and Examination have been discussed and are noted on this form:

\_\_\_\_\_  
Signature of the Faller

\_\_\_\_\_  
Date

This is to certify that I have reviewed the above-named faller according to the BC Faller Training Standard and have discussed comments and recommendations, as written on this form:

\_\_\_\_\_  
Name of Qualified Supervisor/Trainer (please print)

\_\_\_\_\_  
QS/T Identification Number

\_\_\_\_\_  
Signature of the Qualified Supervisor/Trainer

\_\_\_\_\_  
Date