


BC Faller Training Standard – Field Examination and Evaluation

General objective

Qualified supervisor/trainer (QS/T) 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 Occupational Health and Safety (OHS) Regulation must be noted and discussed with the faller. Any noted deficiencies must meet compliance with the OHS Regulation, as required by the *Workers Compensation Act*. All marks must be supported with photo evidence and written comments. Ensure that photos are taken wherever there is a camera icon.  Evaluations will not be accepted without these supporting photos.


| | |
|---|---|
| Evaluation type <input type="checkbox"/> Certification <input type="checkbox"/> Re-evaluation | <input type="checkbox"/> Pass <input type="checkbox"/> Fail Completion time hours minutes |
| Field evaluation percentage mark /100% | Written/oral exam mark /50 |
| Date (yyyy-mm-dd) | Amount of time (travel and exams) hours minutes |

| | | | |
|---------------------------------------|--------------------------------------|------------------------------|-------------|
| Faller’s name | | Years of experience | |
| Faller’s mailing address | City | Province | Postal code |
| Email address | | | |
| Home phone number (include area code) | Cellphone number (include area code) | Messages (include area code) | |

| | | | |
|--|------------------|--|--------------------------|
| Supervisor’s name | | Employer/company name | |
| Location (falling area and nearest town) | | | |
| Weather at time of evaluation | | Ground conditions (e.g., brushy or broken) | |
| Timber type (DSH) | | | |
| Harvesting method | | | Slope (percent) % |
| Falling | | Bucking | |
| Prime/Owner | Licensee/Company | Crew size | |

Part 1 – Personal protective equipment (PPE)

Objective: The professional faller wears and uses the appropriate PPE at all times and ensures that it is properly maintained.

| Items/comments | Marking conditions |
|---|--|
| <div data-bbox="121 457 646 604" style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">  Photo required Take picture of hardhat and suspension. </div> <p>Hardhat</p> <p>Excellent: Good to excellent condition:</p> <ul style="list-style-type: none"> • Suspension is one year or less old <p>Unacceptable: CSA or ANSI non-compliant:</p> <ul style="list-style-type: none"> • CSA — older than three years from date of purchase • ANSI — older than five years from date of purchase <div data-bbox="110 1747 159 1793" style="margin-top: 20px;"> </div> <ul style="list-style-type: none"> • Stop evaluation if the hardhat does not meet the “acceptable” criteria listed above | <ul style="list-style-type: none"> <input type="checkbox"/> E .1 Meets acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> And suspension is in good to excellent condition <input type="checkbox"/> May or may not have stickers <input type="checkbox"/> And no other modifications <input type="checkbox"/> A .07 Acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> Red or orange in colour <input type="checkbox"/> Proper fit <input type="checkbox"/> No cracks or dents <input type="checkbox"/> Suspension may be dated (over one year old), CSA or ANSI compliant <input type="checkbox"/> U 0 Unacceptable: <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes any hardhat five years or older <input type="checkbox"/> Wrong colour <input type="checkbox"/> Improper fit <input type="checkbox"/> Cracked or dented, suspension broken <input type="checkbox"/> CSA or ANSI non-compliant <input type="checkbox"/> Modifications <p>Comments to faller:</p> <div style="text-align: right; margin-top: 20px;"> <p>Mark: /.1</p> </div> |


Part 1 – PPE (continued)

| Items/comments | Marking conditions |
|---|--|
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Note to QS/T Assess criteria for this section throughout the evaluation and mark at the end.</p> </div> <p>Eye and face protection</p> <p>Excellent: Safety glasses:</p> <ul style="list-style-type: none"> No scratches on glasses <p>Acceptable: Good condition:</p> <ul style="list-style-type: none"> No holes or tears in screen <p>Consistently used:</p> <ul style="list-style-type: none"> Face screen may be up while constructing backcut | <p><input type="checkbox"/> E .1 Meets acceptable standard:</p> <ul style="list-style-type: none"> And also wears safety glasses <p><input type="checkbox"/> A .07 Acceptable standard:</p> <ul style="list-style-type: none"> Face protection (screen) available In good condition And consistently used <p><input type="checkbox"/> U 0 Unacceptable:</p> <ul style="list-style-type: none"> 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 eyeglasses Or is CSA or ANSI non-compliant <p>Comments to faller:</p> <p style="text-align: right;">Mark: /.1</p> |
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Note to QS/T Assess criteria for this section throughout the evaluation and mark at the end.</p> </div> <p>Hearing protection</p> <p>Excellent: Good to excellent condition:</p> <ul style="list-style-type: none"> New or kit used <p>Acceptable: Minor damaged condition:</p> <ul style="list-style-type: none"> Dents, scratches, or other markings that do not impact the effectiveness of the earmuff | <p><input type="checkbox"/> E .1 Meets acceptable standard:</p> <ul style="list-style-type: none"> Using muffs in good to excellent condition And maintained <p><input type="checkbox"/> A .07 Acceptable standard:</p> <ul style="list-style-type: none"> Earmuffs available And worn Minor damaged condition Alternate protection used, i.e., wears earplugs Or not applicable <p><input type="checkbox"/> U 0 Unacceptable:</p> <ul style="list-style-type: none"> Fails to meet above acceptable standard Includes muffs available but casually used/ not used Not available <p><input type="checkbox"/> Poor condition, needs maintenance</p> <p>Comments to faller:</p> <p style="text-align: right;">Mark: /.1</p> |



Part 1 – PPE (continued)

| Items/comments | Marking conditions |
|--|--|
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Note to QS/T Assess criteria for this section throughout the evaluation and mark at the end.</p> </div> <p>Hand protection</p> <p>Excellent: Good to excellent condition:</p> <ul style="list-style-type: none"> • Protection is new <p>Unacceptable: Excessively worn condition:</p> <ul style="list-style-type: none"> • Holes in gloves • Loose fitting | <p><input type="checkbox"/> E .1 Meets acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> And protection is in good to excellent condition <p><input type="checkbox"/> A .07 Acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Available and worn <input type="checkbox"/> Minor damaged condition <input type="checkbox"/> Appropriate for working conditions <p><input type="checkbox"/> U 0 Unacceptable:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes not available <input type="checkbox"/> Not worn <input type="checkbox"/> Excessively worn condition <input type="checkbox"/> Not appropriate for working conditions <p>Comments to faller:</p> <p style="text-align: right;">Mark: / .1</p> |
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Note to QS/T This section to be scored at the end of the evaluation.</p> </div> <p>Hi-visibility apparel</p> <p>Excellent: Good to excellent condition:</p> <ul style="list-style-type: none"> • No tears and not faded <p>Acceptable: Current standard:</p> <ul style="list-style-type: none"> • 120 square inches of hi-visibility material on both front and back of apparel covering the torso (body) of faller | <p><input type="checkbox"/> E .1 Meets acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> And protection is in good to excellent condition <p><input type="checkbox"/> A .07 Acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Available and worn <input type="checkbox"/> Minor tears or faded condition <input type="checkbox"/> Appropriate for situation <input type="checkbox"/> Meets current standard <p><input type="checkbox"/> U 0 Unacceptable:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes not available <input type="checkbox"/> Not used <input type="checkbox"/> Excessively worn or faded condition <input type="checkbox"/> Or does not meet current standard <p>Comments to faller:</p> <p style="text-align: right;">Mark: / .1</p> |

Part 1 – PPE (continued)

| Items/comments | Marking conditions |
|--|---|
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">  Photo required Take photo of bottom of caulk boots. </div> <p>Safety footwear</p> <p>Excellent:</p> <ul style="list-style-type: none"> Fully caulked — not missing any caulks <p>Comments to faller:</p> | <p>Caulked</p> <p><input type="checkbox"/> E .1 Meets acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> And protection is in good to excellent condition <input type="checkbox"/> Fully caulked <input type="checkbox"/> And sharp <p><input type="checkbox"/> A .07 Acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Available and worn <input type="checkbox"/> May be missing two or less caulks <input type="checkbox"/> Or slightly dull caulks <p><input type="checkbox"/> U 0 Unacceptable:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes not available <input type="checkbox"/> All caulks need replacing <input type="checkbox"/> Soles damaged and cracked <input type="checkbox"/> Stitching worn <input type="checkbox"/> Or not wearing caulks to walk logs <p>Non-caulked: Only worn when not required to walk on logs or woody debris on level terrain.</p> <p><input type="checkbox"/> E .1 Meets acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> And protection is in good to excellent condition <input type="checkbox"/> Well-constructed boot, good ankle support <input type="checkbox"/> And appropriate to conditions <p><input type="checkbox"/> A .07 Acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Available and used <input type="checkbox"/> Upper soles <input type="checkbox"/> Minimum 8" top <input type="checkbox"/> Some grip missing <p><input type="checkbox"/> U 0 Unacceptable:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes not available, not used <input type="checkbox"/> Poorly constructed, damaged stitching, excessively worn soles <input type="checkbox"/> Less than 8" upper, no traction sole, or excessive damaged condition <p style="text-align: right;">Mark: /.1</p> |

Part 1 – PPE (continued)

| Items/comments | Marking conditions |
|--|--|
| <div data-bbox="118 365 644 485" style="border: 1px solid black; padding: 5px;">  Photo required Take photo of whistle/radio. </div> <div data-bbox="118 522 644 728" style="border: 1px solid black; padding: 5px; margin-top: 10px;"> Note to QS/T Note what type of whistle. Assess criteria for this section throughout the evaluation and mark at the end. </div> <p>Whistle/radio</p> <p>Excellent: Radio checking:</p> <ul style="list-style-type: none"> • On person <p>Acceptable: Access to radio:</p> <ul style="list-style-type: none"> • Hand held, in pack sack, or radio in pickup • No more than 10 minutes away <div data-bbox="107 1711 155 1759" style="margin-top: 20px;">  </div> <ul style="list-style-type: none"> • Stop evaluation if the faller does not have a whistle • Stop evaluation if there is no working radio | <p><input type="checkbox"/> E .1 Meets acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> And radio checking <input type="checkbox"/> And receiving regularly <input type="checkbox"/> In good condition <input type="checkbox"/> And whistle mounted near mouth <p><input type="checkbox"/> A .07 Acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Whistle mounted on outside of clothing <input type="checkbox"/> And access to radio <p><input type="checkbox"/> U 0 Unacceptable:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes whistle not available <input type="checkbox"/> Not tested regularly <input type="checkbox"/> A radio not working <p>Comments to faller:</p> <p style="text-align: right;">Mark: /.1</p> |

Part 1 – PPE (continued)



| Items/comments | Marking conditions |
|---|---|
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Note to QS/T If no other PPE clothing available, must score zero (0). Must review appendix before scoring.</p> </div> <p>Other PPE and clothing</p> <p>Acceptable: Requirements of Regulation 8.10 and 8.20:</p> <ul style="list-style-type: none"> • See appendix for details on Regulation 8.10 and 8.20 | <p><input type="checkbox"/> E .1 Meets acceptable standard: <input type="checkbox"/> And exceeds regulatory requirement</p> <p><input type="checkbox"/> A .07 Acceptable standard: <input type="checkbox"/> Meets requirements of Regulation 8.10 and 8.20 <input type="checkbox"/> And those cited in manufacturer’s instructions</p> <p><input type="checkbox"/> U 0 Unacceptable: <input type="checkbox"/> Does not meet requirements of Regulation 8.10 and 8.20</p> <p>Comments to faller:</p> <p style="text-align: right;">Mark: /1</p> |
| | <p>Total marks for this part: /1</p> |

E = Excellent, best practice

A = Meets the acceptable standard

U = Does not meet the acceptable standard

Part 2 – Mental and physical well-being

| Items/comments | Marking conditions |
|--|---|
| <div data-bbox="120 369 644 485" style="border: 1px solid black; padding: 5px;">  Photo required Take photo of faller. </div> <div data-bbox="120 512 644 739" style="border: 1px solid black; padding: 5px; margin-top: 10px;"> Note to QS/T Assess criteria for this section throughout the evaluation and mark at the end. Ask faller about knowledge of body positions. Record response under "Comments to faller." </div> <p>Mental well-being/ physical well-being</p> <p>Acceptable: Attitude is acceptable:</p> <ul style="list-style-type: none"> • Not abusive or aggressive • Listens, does not bully <p>Eats and drinks:</p> <ul style="list-style-type: none"> • Must observe drinking water or liquids <p>Unacceptable: Not physically fit:</p> <ul style="list-style-type: none"> • Unable to get down on one knee, get ten (10) feet away from a falling tree or control and operate the chainsaw <div data-bbox="110 1665 155 1709" style="margin-top: 20px;">  </div> <ul style="list-style-type: none"> • Stop evaluation if the faller has poor attitude or not physically fit | <p><input type="checkbox"/> E 1 Meets acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> And alert/focused on job <input type="checkbox"/> Good to excellent attitude <input type="checkbox"/> Physically fit <input type="checkbox"/> Eats <input type="checkbox"/> And drinks appropriate fluids <input type="checkbox"/> Does pre-work stretching <input type="checkbox"/> Good to excellent body posture when working <p><input type="checkbox"/> A .07 Acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Includes focused on job, <input type="checkbox"/> Attitude is acceptable <input type="checkbox"/> Eats and drinks with some knowledge of nutrition <input type="checkbox"/> Does some stretching <input type="checkbox"/> Work is done with some knowledge of body posture concerns <p><input type="checkbox"/> U 0 Unacceptable:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Often distracted from job <input type="checkbox"/> Poor attitude <input type="checkbox"/> Not physically fit <input type="checkbox"/> Works in positions that puts self at risk of musculoskeletal injury (MSI) <p>Comments to faller:</p> |
| | <p>Mark: /1</p> <p>Total marks for this part: /1</p> |


Part 3 – Man-check procedures and transportation

Objective: Man-check and transportation procedures are followed consistently by all fallers.

| Items/comments | Marking conditions |
|--|---|
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Note to QS/T Assess criteria for this section throughout the evaluation and mark at the end.</p> </div> <p>Man-check procedures</p> <p>Acceptable: Frequent checks:</p> <ul style="list-style-type: none"> • QS/T must record time checks conducted by faller <ol style="list-style-type: none"> 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 6. _____ 7. _____ 8. _____ 9. _____ 10. _____ <p>Minimum and maximum distances:</p> <ul style="list-style-type: none"> • Minimum: 2 tree lengths • Maximum: 10 minutes surface travel <p>Unacceptable: Qualified assistance:</p> <ul style="list-style-type: none"> • See appendix of this document | <ul style="list-style-type: none"> <input type="checkbox"/> E 3.5 Meets acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> And uses start-of-day, end-of-shift checks <input type="checkbox"/> Frequent checks throughout the day <input type="checkbox"/> Shuts saw off between tanks <input type="checkbox"/> And after bucking <input type="checkbox"/> Lifts muffs <input type="checkbox"/> And there is a response plan for failure to respond to check <input type="checkbox"/> Established and well-marked access/egress trails for qualified assistance <input type="checkbox"/> A 2.5 Acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> Includes frequent checks with partner or person capable of rendering qualified assistance every 20–30 minutes <input type="checkbox"/> Written safe work procedures are in place for minimum and maximum distances between fallers and other workers <input type="checkbox"/> U 0 Unacceptable: <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Non-regular checks, informal checks, or no man-check system at all <input type="checkbox"/> Qualified assistance is not readily available to faller in case of difficulty, emergency, or injury <p>Comments to faller:</p> <p style="text-align: right;">Mark: /3.5</p> |

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Part 3 – Man-check procedures and transportation (continued)

| Items/comments | Marking conditions |
|--|--|
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">  Photo required <ul style="list-style-type: none"> • Take photo of pre-trip inspection • Take photo of pickup box • Take photo of valid driver's license if the faller is the driver </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> Note to QS/T Faller can score “excellent” only if he was the driver. </div> <p>Transportation of fallers</p> <p>Acceptable:</p> <p>Vehicle:</p> <ul style="list-style-type: none"> • Can include a helicopter, boat, or pickup <p>Appropriate communication system:</p> <ul style="list-style-type: none"> • QS/T to test radio is working • Faller can score only “acceptable” if transported by helicopter or boat | <ul style="list-style-type: none"> <input type="checkbox"/> E .5 Meets acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> And has a documented pre-trip inspection or specific orientation prior to transporting workers <input type="checkbox"/> A .4 Acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> Includes vehicle that is in good mechanical condition <input type="checkbox"/> Parked facing exit route <ul style="list-style-type: none"> <input type="checkbox"/> Not applicable <input type="checkbox"/> Tools/equipment are secured and separate from workers <input type="checkbox"/> Appropriate communication system is available and working <input type="checkbox"/> Fire extinguisher in vehicle <input type="checkbox"/> U 0 Unacceptable: <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes vehicle that has mechanical deficiencies <input type="checkbox"/> Tools and equipment not separated from passengers <input type="checkbox"/> Vehicle not facing the exit <p>Comments to faller:</p> <div style="text-align: right; margin-top: 20px;"> Mark: / .5 </div> |
| | <p>Total marks for this part: / 4</p> |


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Part 5 – Review plan and initial safety meeting

Objective: The professional faller plans before falling.


| Items/comments | Marking conditions |
|---|---|
| <p>Links to Part 11 – Demonstrate process of falling: Site assessment</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">  Photo required Take photo of Initial Safety Meeting and the site hazard assessment with the faller's signature. </div> <p>Start of new falling area/ initial safety or tailgate meeting</p> <p>Excellent: Understanding any special safe work procedures:</p> <ul style="list-style-type: none"> • Faller able to answer the following questions asked by the QS/T: <ul style="list-style-type: none"> <input type="checkbox"/> Where are the site-specific hazards? <input type="checkbox"/> What are the means to control each site-specific hazard? <input type="checkbox"/> Where is the ERP kept? • If unable to check all boxes, cannot score higher than “acceptable” | <ul style="list-style-type: none"> <input type="checkbox"/> E 1 Meets acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> And includes faller understanding any special safe work procedures <input type="checkbox"/> Able to match falling area map to ground layouts <input type="checkbox"/> Safety meeting includes communication <input type="checkbox"/> Established emergency and fire evacuation procedures <input type="checkbox"/> First aid coverage <input type="checkbox"/> Falling area map and site hazards <input type="checkbox"/> And the means to control the hazards <input type="checkbox"/> A .75 Acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> Includes participating in initial safety meeting for falling area <input type="checkbox"/> Potential hazards communicated to the faller <input type="checkbox"/> U 0 Unacceptable: <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes not participating in initial safety meeting <input type="checkbox"/> Map not available <input type="checkbox"/> Lacks knowledge of work area <p>Comments to faller:</p> <p style="text-align: right;">Mark: /1</p> |

Part 5 – Review plan and initial safety meeting (continued)

| Items/comments | Marking conditions |
|---|---|
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">  Photo required Check signage containing radio frequency and contact name. Take photo of the sign. </div> <p>Entering an active falling area</p> <p>Acceptable: Understanding and use of safe work procedures:</p> <ul style="list-style-type: none"> • QS/T to be clear to the faller that they will be assessed on two processes (i.e., entering a block, entering the faller’s area) • QS/T to ask faller to list the safe work procedures for entering the block: <ul style="list-style-type: none"> <input type="checkbox"/> Ask if safe to enter the block <input type="checkbox"/> Wait for permission granted by the contact person • QS/T to ask faller to list the safe work procedures for entering the faller’s area: <ul style="list-style-type: none"> <input type="checkbox"/> Hail faller from outside two tree lengths and ask if safe to enter the faller's area. <input type="checkbox"/> Wait for permission granted by the faller <input type="checkbox"/> Wait for faller to shut chainsaw off <input type="checkbox"/> Chainsaw to remain shut off while entering area <input type="checkbox"/> Discuss and agree to an exit plan • If unable to check all boxes, default to “unacceptable” | <ul style="list-style-type: none"> <input type="checkbox"/> E 1 Meets acceptable standard <ul style="list-style-type: none"> <input type="checkbox"/> And while entering or leaving area the faller gives direction to the safe route in or out <input type="checkbox"/> Faller understands his responsibilities for safety of workers while they are in his area <input type="checkbox"/> Exit plan in place with faller <input type="checkbox"/> A .75 Acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> Includes understanding and use of safe work procedures <input type="checkbox"/> That include signage <ul style="list-style-type: none"> <input type="checkbox"/> Not applicable for heli <input type="checkbox"/> Two-tree-length rule <input type="checkbox"/> Proper approach <input type="checkbox"/> Voice and eye contact <input type="checkbox"/> Chainsaw off <input type="checkbox"/> Faller stops work and grants permission to enter <input type="checkbox"/> U 0 Unacceptable: <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes not having or using safe work procedures <input type="checkbox"/> Allows persons or machines into falling area <input type="checkbox"/> Continues to work after they have been hailed to stop <p>Comments to faller:</p> <div style="text-align: right; margin-top: 20px;"> <p>Mark: /1</p> </div> |
| | <p>Total marks for this part: /2</p> |

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Part 6 – Adverse weather conditions

| Items/comments | Marking conditions |
|---|---|
| <div data-bbox="121 361 646 478"> Photo required Take picture of personal ERP.</div> <div data-bbox="121 508 646 703">Note to QS/T Ask faller what the rainfall criteria is in his area and write down shutdown criteria in comments to faller. If faller cannot answer, must score zero (0).</div> <h3>Adverse weather conditions</h3> <p>Excellent: When to shut down:</p> <ul style="list-style-type: none">Faller able to answer the following safe work procedure questions for adverse weather conditions (e.g., fog, wind, lightning, snow, rain, extreme temperatures) when asked by the QS/T:<ul style="list-style-type: none"><input type="checkbox"/> Whose call is it for wind (faller, other)?<input type="checkbox"/> Whose call is it for fog?<input type="checkbox"/> Whose call is it for snow?<input type="checkbox"/> Whose call is it for avalanche?<input type="checkbox"/> What will the faller do if transported to the block by helicopter and adverse weather conditions prevent a pick-up? What are the directions to the egress trail?<input type="checkbox"/> Does the faller have suitable equipment available if they have to spend the night?If unable to check all boxes, cannot score higher than "acceptable" <p>Acceptable: Aware of weather-related shutdown criteria:</p> <ul style="list-style-type: none">Faller able to describe the site-specific shutdown criteria for adverse weather conditions, i.e., shutdown criteria<ul style="list-style-type: none"><input type="checkbox"/> Rain <input type="checkbox"/> Smoke<input type="checkbox"/> Snow <input type="checkbox"/> Lightning<input type="checkbox"/> FogIf unable to check all boxes, default to "unacceptable" | <p><input type="checkbox"/> E 1 Meets acceptable standard:</p> <ul style="list-style-type: none"><input type="checkbox"/> And faller knows when to shut down due to adverse weather condition<input type="checkbox"/> Has site-specific knowledge of emergency response to adverse weather conditions<input type="checkbox"/> And has a personal emergency response plan <p><input type="checkbox"/> A .75 Acceptable standard:</p> <ul style="list-style-type: none"><input type="checkbox"/> Includes faller is wearing and/or has available clothing appropriate to conditions<input type="checkbox"/> Faller is aware of weather-related shutdown criteria<input type="checkbox"/> Emergency access/egress concerns assessed <p><input type="checkbox"/> U 0 Unacceptable:</p> <ul style="list-style-type: none"><input type="checkbox"/> Fails to meet above acceptable standard<input type="checkbox"/> Includes faller is improperly dressed for conditions<input type="checkbox"/> Unaware of weather-related shutdown criteria <p>Comments to faller:</p> <p>Rain over: 24 hours: _____ mm 72 hours: _____ mm</p> <p style="text-align: right;">Mark: /1</p> <hr/> <p style="text-align: right;">Total marks for this part: /1</p> |


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Part 7 – Identifying hand tools and equipment

Objective: The professional faller uses appropriate well-maintained tools and equipment.

| Items/comments | Marking conditions |
|--|--|
| <p>Links to Part 13 – Demonstrate use of axe, wedges, and directional control: Use of axe, wedges, and wedging procedure</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">  Photo required Take a photo of the axe. </div> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> Note to QS/T Full-size axe is an axe with a minimum 27" in overall length and 3.5-lb head. </div> <p>Axe</p> <p>Excellent: Spare axe available:</p> <ul style="list-style-type: none"> • Low side — spare axe can be at the head of the trail or helipad • High side — spare axe must be above worker in a safe location <p>Acceptable: Handle in good condition:</p> <ul style="list-style-type: none"> • Not cracked <p>Axe must be in an acceptable carrier:</p> <ul style="list-style-type: none"> • Designed to carry an axe and not endanger the faller should they slip or fall, nor should it impact the faller's freedom of movement • Axe must not be carried in the wedge belt | <div style="margin-bottom: 10px;"> <input type="checkbox"/> E 1 Meets acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> And axe handle length is appropriate for timber size and body size to prevent MSIs <input type="checkbox"/> Spare axe available in falling area (e.g., with spare saw) </div> <div style="margin-bottom: 10px;"> <input type="checkbox"/> A .75 Acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> Includes having axe at the base of tree being felled <input type="checkbox"/> Pinned or secured head, handle in good condition <input type="checkbox"/> If carried on the body, the axe must be in an acceptable carrier <input type="checkbox"/> Minimum of a 3.5-lb head <input type="checkbox"/> And a minimum of 17" handle length measured from the end of the handle to the start of the axe head </div> <div style="margin-bottom: 10px;"> <input type="checkbox"/> U 0 Unacceptable: <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes no axe available at the base of tree being felled <input type="checkbox"/> Not available in the falling area <input type="checkbox"/> Or broken handle or head not pinned or secured <input type="checkbox"/> Or an axe of inappropriate size for the timber being felled </div> <p>Comments to faller:</p> <div style="text-align: right; margin-top: 20px;"> Mark: /1 </div> |

Part 7 – Identifying hand tools and equipment (continued)

| Items/comments | Marking conditions |
|---|--|
| <p>Links to Part 13 – Demonstrate use of axe, wedges, and directional control: Use of axe, wedges, and wedging procedure</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">  Photo required Take a photo of any wedges. </div> <p>Wedges</p> <p>Excellent: Extra wedges available:</p> <ul style="list-style-type: none"> • Confirm two extra wedges available in falling area • QS/T conducts a visual inspection to confirm there are no stress cracks in the extra wedges <p>Acceptable: Three wedges:</p> <ul style="list-style-type: none"> • QS/T conducts a visual inspection to confirm there are no stress cracks in the three wedges | <p><input type="checkbox"/> E 1 Meets acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> And minimum of three wedges available at the base of tree being felled <input type="checkbox"/> No burrs <input type="checkbox"/> Appropriate to timber type and weather conditions <input type="checkbox"/> Minimum of two extra wedges available <p><input type="checkbox"/> A .75 Acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Includes three wedges appropriate for timber size and available at the base of the tree being felled <p><input type="checkbox"/> U 0 Unacceptable:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes no wedges at the base of tree being felled <input type="checkbox"/> No wedges available <p>Comments to faller:</p> <p style="text-align: right;">Mark: /1</p> |
| | <p style="text-align: right;">Total marks for this part: /2</p> |



E = Excellent, best practice

A = Meets the acceptable standard

U = Does not meet the acceptable standard

Part 8 – Determine chainsaw suitability

Objective: The professional faller chooses a suitable chainsaw for the task.

| Items/comments | Marking conditions | | |
|--|--|----------------|---------------------|
| <div style="border: 1px solid #4F81BD; padding: 5px; margin-bottom: 10px;">  Photo required Take a photo of the chaincatcher and muffler. </div> <div style="border: 1px solid #4F81BD; padding: 5px;"> <p>Note to QS/T</p> <p>Full wrap handlebars do not count as a chaincatcher.</p> <p>Record the following information in the "Comments to faller" section of the evaluation:</p> <ul style="list-style-type: none"> • Chainsaw type (brand and model) • Handlebar type • Chainsaw bar length </div> <p>Chainsaw criteria and safety features: idle adjustment</p> <p>Excellent:</p> <p>Spare saw readily available:</p> <ul style="list-style-type: none"> • Fully rigged with chainsaw safety features functioning: chainbrake, throttle lock, and chaincatcher • Low side — spare chainsaw can be at the head of the trail or helipad • High side — spare chainsaw must be above worker in a safe location <p>Unacceptable:</p> <p>Modified muffler:</p> <ul style="list-style-type: none"> • Non-factory modified muffler includes horns, spark arrestor removed, punctured front exhaust plate <div style="border: 1px solid #4F81BD; padding: 5px; margin-top: 10px;">  <ul style="list-style-type: none"> • Stop evaluation if the chainsaw does not have any of the following functioning items: <ul style="list-style-type: none"> <input type="checkbox"/> Chainbrake <input type="checkbox"/> Throttle lock <input type="checkbox"/> Chaincatcher • If the faller can fix or obtain a replacement chain saw, the evaluation may continue but the faller must score zero (0) on this section </div> | <ul style="list-style-type: none"> <input type="checkbox"/> E 3 Meets acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> And spare saw readily available <input type="checkbox"/> Meets the standard <input type="checkbox"/> A 2 Acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> Includes chainsaw with manufacturers' full wrap handlebars <input type="checkbox"/> And adequate falling dogs <input type="checkbox"/> Meets CSA standard <input type="checkbox"/> Including a functioning chainbrake <input type="checkbox"/> Chainsaw and bar length compatible with timber size <input type="checkbox"/> Chainsaw in good operating condition <input type="checkbox"/> And all safety features functioning <input type="checkbox"/> And idle properly adjusted <input type="checkbox"/> Spare bar and chain readily available/equipped <input type="checkbox"/> U 0 Unacceptable: <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes chainsaw without manufacturers' full wrap handlebars and with no dogs <input type="checkbox"/> Doesn't meet CSA standard <input type="checkbox"/> Chainbrake doesn't function <input type="checkbox"/> Modified muffler <input type="checkbox"/> Saw is not being properly maintained <input type="checkbox"/> Damaged components <p>Comments to faller:</p> <p>Chainsaw type (brand and model)</p> <hr/> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;">Handlebar type</td> <td style="width: 50%; border-bottom: 1px solid black;">Chainsaw bar length</td> </tr> </table> <div style="text-align: right; margin-top: 20px;"> <p>Mark: /3</p> </div> <hr/> <p style="text-align: right;">Total marks for this part: /3</p> | Handlebar type | Chainsaw bar length |
| Handlebar type | Chainsaw bar length | | |

E = Excellent, best practice

A = Meets the acceptable standard

U = Does not meet the acceptable standard

Part 10 – Demonstrate chainsaw handling

Objective: The professional faller can safely use the chainsaw for the task.

| Items/comments | Marking conditions |
|--|---|
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Note to QS/T Assess criteria for this section throughout the evaluation and mark at the end.</p> </div> <p>Carrying the saw and tools, in and out of falling area</p> <p>Excellent:</p> <ul style="list-style-type: none"> • Trails marked and communicated: <ul style="list-style-type: none"> <input type="checkbox"/> Faller to show the trail is flagged. <input type="checkbox"/> QS/T to ask the first aid attendant if he knows the location of the fallers trail for emergency access • If unable to check all boxes, cannot score higher than “acceptable” <p>Acceptable: Long distance:</p> <ul style="list-style-type: none"> • More than three metres | <ul style="list-style-type: none"> <input type="checkbox"/> E 2 Meets acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> And trails marked and communicated to emergency personnel <input type="checkbox"/> A 1.5 Acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> Includes properly cleared trail <input type="checkbox"/> Bar and chain pointed behind on downhill side <input type="checkbox"/> Gas and oil carried in opposite side <input type="checkbox"/> Saw carried on shoulder for long distance with chain removed from bar and saw dogs effectively guarded <ul style="list-style-type: none"> <input type="checkbox"/> Not applicable <input type="checkbox"/> U 0 Unacceptable: <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes no trail <input type="checkbox"/> Saw carried on shoulder without chain removed and dogs guarded <p>Comments to faller:</p> <p style="text-align: right;">Mark: /2</p> |
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Note to QS/T Assess criteria for this section throughout the evaluation and mark at the end.</p> </div> <p>Carrying the saw tree to tree or bucking</p> <p>Excellent: Longer distances:</p> <ul style="list-style-type: none"> • More than three metres | <ul style="list-style-type: none"> <input type="checkbox"/> E 2 Meets acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> And chainbrake activated between cuts <input type="checkbox"/> Chainsaw shut off on regular basis or when moving longer distances <input type="checkbox"/> A 1.5 Acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> Includes chain properly adjusted to prevent a running chain <input type="checkbox"/> U 0 Unacceptable: <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes carrying a chainsaw with a running chain <p>Comments to faller:</p> <p style="text-align: right;">Mark: /2</p> |



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Part 10 – Demonstrate chainsaw handling (continued)

| Items/comments | Marking conditions |
|---|--|
| <div data-bbox="121 367 646 535" style="border: 1px solid black; padding: 5px;"> <p>Note to QS/T Assess criteria for this section throughout the evaluation and mark at the end.</p> </div> <p>Starting the chainsaw</p> <p>Acceptable: Controlled start of the saw:</p> <ul style="list-style-type: none"> • Bar over a log or knee placed on chainsaw <p>Unacceptable: Uncontrolled/unsupported:</p> <ul style="list-style-type: none"> • The bar not over a log or knee not placed on chainsaw | <ul style="list-style-type: none"> <input type="checkbox"/> E 2 Meets acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> And chainbrake is engaged prior to controlled start of saw <input type="checkbox"/> A 1.5 Acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> Includes controlled start of the saw <input type="checkbox"/> Saw fuelled without unnecessary spillage <input type="checkbox"/> Containers stored in a safe location <input type="checkbox"/> And starts chainsaw minimum 10 ft. away from containers <input type="checkbox"/> U 0 Unacceptable: <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes uncontrolled/unsupported start of saw <p>Comments to faller:</p> <p style="text-align: right;">Mark: /2</p> |

Part 11 – Demonstrate process of falling

Objective: The professional faller uses safe work procedures when preparing to fall.

| Items/comments | Marking conditions |
|--|--|
| <p>Links to Part 5 – Review plan and initial safety meeting</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">  Photo required Take a photo of the faller walking the falling area. </div> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> Note to QS/T Faller must explain his step-by-step plan on how the area will be felled and how significant hazards will be addressed. </div> <p>Site assessment</p> <p>Acceptable: Takes note:</p> <ul style="list-style-type: none"> Including overhead and ground hazards and how they will be removed or controlled <p>Other worksite hazards:</p> <ul style="list-style-type: none"> Phase congestion Stacking <div style="margin-top: 20px;">  <ul style="list-style-type: none"> Stop evaluation if a hazard assessment is not conducted before starting falling – including walking the falling area and identifying/assessing site hazards </div> | <div style="margin-bottom: 10px;"> <input type="checkbox"/> E 3 Meets acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> And faller has developed a step-by-step plan on how the area will be felled <input type="checkbox"/> And how significant site hazards will be addressed <input type="checkbox"/> Concerns are discussed with supervisor or person qualified to provide assistance </div> <div style="margin-bottom: 10px;"> <input type="checkbox"/> A 2 Acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> Includes walking the falling area prior to falling <input type="checkbox"/> Takes note of overhead, ground, area hazards (terrain) <input type="checkbox"/> And other worksite hazards (other activities) </div> <div style="margin-bottom: 10px;"> <input type="checkbox"/> U 0 Unacceptable: <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes faller begins work without walking the falling area <input type="checkbox"/> No work plan developed </div> <p>Comments to faller:</p> <div style="text-align: right; margin-top: 20px;"> Mark: /3 </div> |

E = Excellent, best practice **A** = Meets the acceptable standard **U** = Does not meet the acceptable standard

Part 11 – Demonstrate process of falling (continued)

| Items/comments | Marking conditions |
|---|---|
| <p>Links to Part 12 – Falling a tree</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>Note to QS/T</p> <p>There is no “minor brushing” (see definition below).</p> <ul style="list-style-type: none"> • Direct blow or a glancing blow of sufficient force to cause one or more branches to break at or near the stem of the standing tree • Faller to discuss with QS/T why it is important to identify tree placement for bucking and harvesting needs and to avoid brushing </div> <p>Prepare to fall the tree</p> | <p><input type="checkbox"/> E 4 Meets acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> And constructs escape route(s) and tests <input type="checkbox"/> Removes tripping hazards <input type="checkbox"/> Preps several trees <input type="checkbox"/> Tree placement considers bucking or harvesting needs <input type="checkbox"/> And avoids brushing <p><input type="checkbox"/> A 3 Acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Includes faller assesses tree for lean from high side <input type="checkbox"/> Faller assesses tree for overhead and ground hazards, tree defects <input type="checkbox"/> Plans and prepares escape routes a minimum 10 ft. and/or takes available cover <input type="checkbox"/> Plans tree placement <input type="checkbox"/> Chainsaw is fuelled up <input type="checkbox"/> Chain sharp <p><input type="checkbox"/> U 0 Unacceptable:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes faller begins falling tree without doing a full assessment of the tree and immediate work area <input type="checkbox"/> No escape route(s) constructed <p>Comments to faller:</p> |
| | <p>Mark: /4</p> <p>Total marks for this part: /7</p> |



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Part 12 – Falling a tree

Objective: The professional faller uses safe work procedures when falling.

| Items/comments | Marking conditions |
|--|---|
| <p>Links to all previous work</p> <p>Links to Part 19 – Demonstrate falling cuts</p> <div style="border: 1px solid #4F81BD; padding: 5px; margin: 10px 0;">  Photo required Over the course of falling the 10 trees, all “acceptable” standard criteria to be captured in photos (minimum 9 photos). </div> <div style="border: 1px solid #4F81BD; padding: 5px; margin: 10px 0;"> Note to QS/T This part is conducted on the 10 trees evaluated and cannot be completed until all 10 trees have been felled and assessed. </div> <p>Falling the tree</p> <p>Excellent: MSI prevention:</p> <ul style="list-style-type: none"> • Good body position, one knee <p>Acceptable: Tree assessment:</p> <ul style="list-style-type: none"> • Assess tree from top down, check for rotten top, broken branch, fungus, indications of rot • Lean of tree • Tree placement for safe bucking • Location of escape trail <p>Uses wedges when required:</p> <ul style="list-style-type: none"> • When the tree does not have a predominant lean or windy conditions <div style="border: 1px solid #4F81BD; padding: 5px; margin: 10px 0;">  </div> <ul style="list-style-type: none"> • Stop the evaluation if the faller is predominantly constructing undercuts and/or backcuts in trees greater than 6" DBH using backbarring techniques • Stop the evaluation if falling from the low side of the tree • Stop evaluation if 3 of the 10 trees are unacceptable | <p><input type="checkbox"/> E 15 Meets acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> And brushes out escape route <input type="checkbox"/> And uses saw sight lines to construct undercut/backcut <input type="checkbox"/> Body position meets MSI prevention <input type="checkbox"/> Wedges placed as soon as possible <input type="checkbox"/> Waits for canopy to stabilize before returning to stump <input type="checkbox"/> Removes stump pull <p><input type="checkbox"/> A 12 Acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Includes tree assessment completed <input type="checkbox"/> Escape route brushed out <input type="checkbox"/> Undercut/backcut appropriate <input type="checkbox"/> Backbarring limited to small saplings <input type="checkbox"/> And removing whiskers/bark to shoot debris away from faller <input type="checkbox"/> Uses wedges when required <input type="checkbox"/> Looks up during and as tree falls, tree falls in intended direction <input type="checkbox"/> Works on the high side of the tree <input type="checkbox"/> And escapes 10 ft. from stump and takes cover when available <p><input type="checkbox"/> U 0 Unacceptable:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes fails to assess tree <input type="checkbox"/> No falling plan <input type="checkbox"/> Inadequate undercuts or backcuts <input type="checkbox"/> Fails to escape or take cover <input type="checkbox"/> Domino falls <p>Comments to faller:</p> <p style="text-align: right;">Mark: /15</p> <hr/> <p style="text-align: right;">Total marks for this part: /15</p> |



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Part 13 – Demonstrate use of axe, wedges, and directional control

Objective: The professional faller uses safe work procedures and equipment when preparing to fall.

| Items/comments | Marking conditions |
|--|---|
| <p>Links to Part 7 – Identifying hand tools and equipment: wedges and axe</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">  Photo required Take photo of faller demonstrating wedging a tree. </div> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> Note to QS/T Faller must demonstrate this part. Definition of appropriate axe and wedge as per Part 7. </div> <p>Use of axe, wedges, and wedging procedure</p> <p>Excellent: Cleans bark/duff prior to wedging:</p> <ul style="list-style-type: none"> • Thick bark species, heavy moss <div style="margin-top: 20px;">  <ul style="list-style-type: none"> • Stop evaluation if the faller is unable to meet acceptable rating for use of axe, wedges, and wedging procedures </div> | <div style="margin-bottom: 10px;"> <input type="checkbox"/> E 4 Meets acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> Undercut is 25% of the tree diameter <input type="checkbox"/> Cleans bark/duff prior to wedging <input type="checkbox"/> Wedge inserted into backcut on every tree <input type="checkbox"/> Faller looks up after striking the wedge for energy to move up the tree <input type="checkbox"/> Alternately strikes two wedges to lift the tree <input type="checkbox"/> Uses both hands on axe when striking wedges </div> <div style="margin-bottom: 10px;"> <input type="checkbox"/> A 3 Acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> Includes wedging tools available at tree being felled <input type="checkbox"/> Appropriate axe being used <input type="checkbox"/> Wedge inserted into backcut as soon as possible when needed <input type="checkbox"/> Faller looks up to assess tree movement and hazards during wedging <input type="checkbox"/> Appropriate wedge or wedges are used to lift the tree the required distance <input type="checkbox"/> Uses pusher tree only when wedging is not possible <ul style="list-style-type: none"> <input type="checkbox"/> Not applicable </div> <div style="margin-bottom: 10px;"> <input type="checkbox"/> U 0 Unacceptable: <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes wedging tools not available at the tree or in the falling area <input type="checkbox"/> Only one wedge, fails to look up when wedging and/or striking the wedge with one hand <input type="checkbox"/> Faller plans to push versus wedging </div> <p>Comments to faller:</p> <div style="text-align: right; margin-top: 20px;"> Mark: /4 </div> |

Part 14 – Recognize dangerous falling practices

Objective: The professional faller recognizes dangerous falling practices.

| Items/comments | Marking conditions |
|--|--|
| <p>Links to Part 11 – Demonstrate process of falling: Site assessment</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>Note to QS/T Must get “acceptable” on Part 11 to score “acceptable” on this section. There is no “minor brushing” (see definition below). QS/T to ask the faller what the falling plan is.</p> </div> <p>Brushing</p> <p>Excellent: Does not brush standing trees:</p> <ul style="list-style-type: none"> • Meets requirements in OHS Regulation 26.23(1): <ul style="list-style-type: none"> • Direct blow or a glancing blow of sufficient force to cause one or more branches to break at or near the stem of the standing tree | <p><input type="checkbox"/> E 3 Meets acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> And removes trees with large limbs or multiple tops <input type="checkbox"/> Ensures adequate clearance from falling face <input type="checkbox"/> Does not brush standing trees with trees being felled <p><input type="checkbox"/> A 2.5 Acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Includes creating a safe area to open up the falling face <input type="checkbox"/> Uses natural openings <input type="checkbox"/> Removes saplings and dangerous trees <input type="checkbox"/> Follows the falling plan <p><input type="checkbox"/> U 0 Unacceptable:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes regularly brushing standing timber with trees being felled <input type="checkbox"/> Fails to remove dangerous trees, saplings, and other obstructions to falling <p>Comments to faller:</p> <p style="text-align: right;">Mark: /3</p> |
| | <p>Total marks for this part: /3</p> |



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Part 15 – Manage falling hazards

Objective: The professional faller uses safe work procedures when falling in difficult situations.

| Items/comments | Marking conditions |
|---|---|
| <div data-bbox="121 422 644 569" style="border: 1px solid black; padding: 5px;">  Photo required Take a photo of faller demonstrating in a stump or tree. </div> <div data-bbox="121 594 644 699" style="border: 1px solid black; padding: 5px; margin-top: 10px;"> Note to QS/T Faller must demonstrate this part. </div> <p>Up-slope falling</p> <p>Excellent: Specialty undercut: • Swanson</p> <div data-bbox="110 1793 155 1839" style="border: 1px solid red; padding: 2px; width: 20px; height: 20px; margin-top: 20px;">  </div> <ul style="list-style-type: none"> • Stop evaluation if the faller scores “unacceptable” | <div data-bbox="678 411 1485 590" style="margin-bottom: 10px;"> <input type="checkbox"/> E 1 Meets acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> And uses specialty undercut <input type="checkbox"/> Escape route more than 10 ft. and takes cover <input type="checkbox"/> Faller stops and seeks qualified assistance when 15 degrees cannot be maintained </div> <div data-bbox="678 604 1485 783" style="margin-bottom: 10px;"> <input type="checkbox"/> A .75 Acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> Includes trees are felled at or near 15 degrees up slope <input type="checkbox"/> Planned and cleared escape route <input type="checkbox"/> Higher backcut </div> <div data-bbox="678 798 1485 1045" style="margin-bottom: 10px;"> <input type="checkbox"/> U 0 Unacceptable: <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet knowledge of maximum being 45% above acceptable standard <input type="checkbox"/> Includes trees are felled up slope consistently above 15 degrees up slope <input type="checkbox"/> Backcut lacks step <input type="checkbox"/> No escape routes </div> <p>Comments to faller:</p> <div data-bbox="1252 1877 1490 1906" style="text-align: right; margin-top: 20px;"> Mark: /1 </div> |



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Part 15 – Manage falling hazards (continued)

| Items/comments | Marking conditions |
|---|---|
| <div data-bbox="121 367 646 514" style="border: 1px solid black; padding: 5px;">  Photo required Take a photo of faller demonstrating in a stump or tree. </div> <div data-bbox="121 541 646 678" style="border: 1px solid black; padding: 5px; margin-top: 10px;"> Note to QS/T Faller must demonstrate boring or side strap procedures. </div> <p>Heavy leaners</p> <p>Excellent: Stability and soundness:</p> <ul style="list-style-type: none"> • Sound tree and root with axe, or by boring the tree with the chainsaw <p>Acceptable: Assessing tree:</p> <ul style="list-style-type: none"> • Assess tree from top down, check for rotten top, broken branch, fungus, indications of rot • Look for ground cracks around the base of the tree • Look for signs of decay or fungal conks on the roots <p>Heavy leaner:</p> <ul style="list-style-type: none"> • Over 30% <div data-bbox="110 1787 155 1833" style="margin-top: 20px;">  </div> <ul style="list-style-type: none"> • Stop evaluation if the faller is unable to demonstrate falling of heavy leaners | <ul style="list-style-type: none"> <input type="checkbox"/> E 2.5 Meets acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> And roots and tree are assessed for stability and soundness <input type="checkbox"/> Tree felled slightly off lay to lessen stump pull <input type="checkbox"/> A 2.25 Acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> Includes assessing tree as a heavy leaner <input type="checkbox"/> Undercut no more than 25% of tree diameter <input type="checkbox"/> Backcut is predetermined and constructed by cornering the low side, then high side completed by cutting middle holding wood <input type="checkbox"/> Faller watches for stump pull <input type="checkbox"/> Tree felled with lean or uses acceptable bore cut <input type="checkbox"/> U 0 Unacceptable: <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes failing to assess tree as a heavy leaner <input type="checkbox"/> Deeper undercut than 25% of tree diameter <input type="checkbox"/> No attempt to corner up <input type="checkbox"/> Backcut lower than undercut <p>Comments to faller:</p> <div style="text-align: right; margin-top: 20px;"> <p>Mark: /2.5</p> </div> |



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Part 15 – Manage falling hazards (continued)

| Items/comments | Marking conditions |
|--|---|
| <div data-bbox="120 365 644 516" style="border: 1px solid black; padding: 5px;">  Photo required Take a photo of faller demonstrating in stump or tree. </div> <div data-bbox="120 541 644 1005" style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Note to QS/T QS/T is not to evaluate in a live scenario if pusher needs to be used. Faller must demonstrate this part.</p> <p>Alternate method if the front tree is suspect: 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.</p> <p>Alternate method if back tree is suspect: Must call for qualified assistance.</p> </div> <p>Pushing/limb-tied trees</p> <p>Acceptable: Pusher:</p> <ul style="list-style-type: none"> • Pusher tree has to be on the high side, must be sound, free of defects and able to overcome the weight of the first tree (refer to info flips safe work procedure [SWP]) <div data-bbox="107 1793 155 1843" style="border: 1px solid black; padding: 2px; width: 20px; height: 20px; margin-top: 20px;">  </div> <ul style="list-style-type: none"> • Stop evaluation if the faller is unable to demonstrate pushing/limb-tied trees | <div data-bbox="678 359 1495 1213"> <ul style="list-style-type: none"> <input type="checkbox"/> E 4 Meets acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> And tree being pushed or limb tied kept in sight at all times <input type="checkbox"/> Chainsaw sight lines used to determine direction of fall <input type="checkbox"/> Full-size axe readily available <input type="checkbox"/> A 3 Acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> Includes pushing/limb tied only to overcome a falling difficulty <input type="checkbox"/> Both trees are assessed for hazards and defects <input type="checkbox"/> Pusher and back tree must be large enough to facilitate push <input type="checkbox"/> Two escape trails constructed (one for each tree) <input type="checkbox"/> Proper falling cuts used and wedges set <input type="checkbox"/> U 0 Unacceptable: <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes pushing consistently for production purposes <input type="checkbox"/> Pusher tree too small <input type="checkbox"/> Pushing with a danger tree <input type="checkbox"/> Not looking up <input type="checkbox"/> No escape trails <input type="checkbox"/> Constructs escape route(s) </div> <p>Comments to faller:</p> |
| <p>Mark:</p> | <p>/4</p> |



Part 16 – Identifying special falling techniques

Objective: The professional faller uses special falling techniques in difficult situations.



| Items/comments | Marking conditions |
|--|--|
| <div data-bbox="121 422 644 569" style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">  Photo required Take a photo of faller demonstrating in a stump or tree. </div> <div data-bbox="121 594 644 699" style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> Note to QS/T Faller must demonstrate this part. </div> <p>Falling against the lean/ small-diameter tree</p> <p>Excellent: Falling against the lean is necessary:</p> <ul style="list-style-type: none"> • No place to fall the tree with the lean, for example: <ul style="list-style-type: none"> • Danger trees • Timber out of lay • Creek • Brushing the timber <p>Acceptable: Adequate holding wood:</p> <ul style="list-style-type: none"> • Holding wood is maintained across the stump <div data-bbox="110 1766 155 1808" style="border: 1px solid black; padding: 2px; margin-top: 20px; display: inline-block;">  </div> <ul style="list-style-type: none"> • Stop evaluation if the faller is unable to demonstrate falling against the lean/small-diameter trees | <ul style="list-style-type: none"> <input type="checkbox"/> E 1.5 Meets acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> And faller does assessment which determines that falling against the lean is necessary <input type="checkbox"/> Species undercut used <input type="checkbox"/> Sets two wedges if required <input type="checkbox"/> Wedges are struck alternately to bring tree over <input type="checkbox"/> Constructs two escape routes <input type="checkbox"/> A .75 Acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> Includes constructing backcut first <input type="checkbox"/> Then setting a wedge as soon as possible <input type="checkbox"/> Finishes backcut while maintaining adequate holding wood <input type="checkbox"/> Constructs undercut slightly below backcut to provide an anti-kickback step and assist wedging <input type="checkbox"/> U 0 Unacceptable: <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes faller doesn't do tree assessment <input type="checkbox"/> Undercut constructed first <input type="checkbox"/> And too deep (50% of diameter) <input type="checkbox"/> Wedge not set, <input type="checkbox"/> Tree sets back and may fall over backwards <p>Comments to faller:</p> <p style="text-align: right;">Mark: /1.5</p> |

E = Excellent, best practice **A** = Meets the acceptable standard **U** = Does not meet the acceptable standard

Part 16 – Identifying special falling techniques (continued)

| Items/comments | Marking conditions |
|---|---|
| <div data-bbox="121 367 646 514" style="border: 1px solid black; padding: 5px;">  Photo required Take a photo of faller demonstrating in stump or tree. </div> <div data-bbox="121 541 646 814" style="border: 1px solid black; padding: 5px; margin-top: 10px;"> Note to QS/T Short stubby tree is a tree with broken-off stem comprising a 3:1 height-to-weight ratio. Use danger tree assessment criteria as per definition in "Danger tree" section. Faller must demonstrate this part. </div> <p>Short stubby tree</p> <p>Excellent: Larger undercut: • Large open deep undercut up to 50%</p> <p>Backcut slightly above undercut: • .25 to .5 inches</p> <p>Acceptable: Appropriate undercut: • Not less than 33% of the diameter</p> <div data-bbox="105 1780 162 1831" style="margin-top: 20px;">  </div> <ul style="list-style-type: none"> • Stop evaluation if the faller is unable to demonstrate falling of short stubby trees | <div data-bbox="678 357 1469 892" style="margin-top: 10px;"> <ul style="list-style-type: none"> <input type="checkbox"/> E 1.5 Meets acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> And uses specialty falling techniques with a larger undercut <input type="checkbox"/> And backcut slightly above undercut <input type="checkbox"/> A .75 Acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> Includes fully assessing the short stubby tree <input type="checkbox"/> Checks for defects and hazards and removes it <input type="checkbox"/> Constructs escape route(s) while facing the hazard <input type="checkbox"/> Constructs appropriate undercut and backcut <input type="checkbox"/> U 0 Unacceptable: <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes failing to do a full tree assessment <input type="checkbox"/> And doesn't remove short stubby trees </div> <p>Comments to faller:</p> <div data-bbox="1250 1864 1494 1900" style="text-align: right; margin-top: 20px;"> <p>Mark: /1.5</p> </div> |


Part 16 – Identifying special falling techniques (continued)

| Items/comments | Marking conditions |
|---|---|
| <div data-bbox="121 367 644 516" style="border: 1px solid black; padding: 5px;">  Photo required Take a photo of faller demonstrating in stump only. </div> <div data-bbox="121 541 644 909" style="border: 1px solid black; padding: 5px; margin-top: 10px;"> Note to QS/T Demonstrate this part in a stump. QS/T to set up a scenario for demonstration purposes. This part is not to be performed in a live tree. If a live cut-up tree situation occurs, the QS/T should discuss the plan to deal with the situation and then move a minimum of two tree lengths away. Faller must demonstrate this part. </div> <p>Re-falling a cut-up tree</p> <p>Acceptable:</p> <p>Falling cuts as high as possible:</p> <ul style="list-style-type: none"> • New backcut must be above the original falling cuts at a minimum of twice the diameter of the tree <p>Appropriate undercut/backcut:</p> <ul style="list-style-type: none"> • Offset from the original to limit vertical splitting of the stem <div data-bbox="110 1663 155 1709" style="margin-top: 20px;">  </div> <ul style="list-style-type: none"> • Stop evaluation if the faller is unable to demonstrate re-falling a cut-up tree | <div data-bbox="678 359 1490 953"> <ul style="list-style-type: none"> <input type="checkbox"/> E 1 Meets acceptable standard <ul style="list-style-type: none"> <input type="checkbox"/> And makes new escape trail while facing the cut-up tree <input type="checkbox"/> Falling cuts are offset to limit vertical splitting <input type="checkbox"/> A .75 Acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> Includes faller has assessed tree and cannot set wedge or use pusher tree <input type="checkbox"/> Makes new escape trail <input type="checkbox"/> Makes new falling cuts as high as possible above previous cuts <input type="checkbox"/> Falls tree using appropriate undercut/backcut in direction of new lean <input type="checkbox"/> U 0 Unacceptable: <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes faller failing to assess tree <input type="checkbox"/> And simply cuts the tree off the stump </div> <p>Comments to faller:</p> <div data-bbox="1252 1747 1490 1780" style="text-align: right; margin-top: 20px;"> Mark: /1 </div> |
| | <p>Total marks for this part: /4</p> |

E = Excellent, best practice **A** = Meets the acceptable standard **U** = Does not meet the acceptable standard

Part 17 – Demonstrating limbing/taping

Objective: The professional faller limbs and tapes safely.

| Items/comments | Marking conditions |
|--|--|
| <p>Links to Part 1 – Personal protective equipment (PPE): Eye and face protection</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">  Photo required Take a frontal photo of faller limbing taping. </div> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> Note to QS/T Faller must demonstrate this part. </div> <p>Limbing/taping</p> <p>Excellent: Doesn't cross body:</p> <ul style="list-style-type: none"> • Pistol hand does not cross the opposite leg <p>Acceptable: Secure footing:</p> <ul style="list-style-type: none"> • Watches for loose bark, snow, ice, etc. <p>Eye and face protection:</p> <ul style="list-style-type: none"> • Face screen | <p><input type="checkbox"/> E .5 Meets acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> And posture of limbing <input type="checkbox"/> Does not consistently reach or extend body <input type="checkbox"/> Doesn't cross body with saw <input type="checkbox"/> Removes loose limbs <p><input type="checkbox"/> A .4 Acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Includes assessing tree <input type="checkbox"/> Looking at tree stability <input type="checkbox"/> Secure footing <input type="checkbox"/> Maintain supporting limbs <input type="checkbox"/> Flush cuts limbs, loaded limbs removed in sections <input type="checkbox"/> Wears eye and face protection while limbing and retrieving tape <p><input type="checkbox"/> U 0 Unacceptable:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes not assessing tree for stability <input type="checkbox"/> Leaves stubs <input type="checkbox"/> Cuts supporting limbs <input type="checkbox"/> Uses upper quadrant or kickback zone for limbing <p>Comments to faller:</p> |
| | <p>Mark: / .5</p> |
| | <p>Total marks for this part: / .5</p> |


E = Excellent, best practice

A = Meets the acceptable standard

U = Does not meet the acceptable standard

Part 18 – Demonstrating the bucking process

Objective: The professional faller bucks logs safely.

| Items/comments | Marking conditions |
|--|--|
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">  Photo required Take two photos of faller bucking. </div> <div style="border: 1px solid black; padding: 5px;"> <p>Note to QS/T Faller must demonstrate:</p> <ul style="list-style-type: none"> • Five (5) top bind and five (5) bottom bind for tree fell or blowdown • To score excellent, faller must have all "excellent" marked on the chart on the next page, otherwise default to "acceptable" • To score an "acceptable," faller must have all "acceptable" marked or greater, otherwise default to "unacceptable" <p>Use the chart on the next page to record 10 bucking cuts.</p> <p>Bucking cuts</p> <p>Acceptable: Prepares for kickback:</p> <ul style="list-style-type: none"> • Firm stance and grip </div> | <p><input type="checkbox"/> E 10 Meets acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> And cuts match and are complete <input type="checkbox"/> No splitting of log <input type="checkbox"/> Makes V-cut on excessive binds <input type="checkbox"/> Uses axe and wedge to free saw if pinched or uses spare saw <p><input type="checkbox"/> A 7.5 Acceptable standard:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Includes faller assesses the area for overhead hazards <input type="checkbox"/> Assesses the tree for bind and stability <input type="checkbox"/> Ensures there are no loose objects above or behind <input type="checkbox"/> Clears adequate escape and has secure footing <input type="checkbox"/> And prepares for kickback <input type="checkbox"/> Cuts are straight, bucking cuts are completed <input type="checkbox"/> Limited splitting of log <p><input type="checkbox"/> U 0 Unacceptable:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet above acceptable standard <input type="checkbox"/> Includes faller begins cutting without assessment of binds <input type="checkbox"/> Cuts are crooked and incomplete, mismatched <input type="checkbox"/> Chainsaw is constantly stuck <p>Comments to faller:</p> |
| | <p>Mark: /10</p> <p>Total marks for this part: /10</p> |

E = Excellent, best practice

A = Meets the acceptable standard

U = Does not meet the acceptable standard

Part 18 – Demonstrating the bucking process (continued)

Complete bucking cuts evaluation sheet

Based on 10 bucking cuts, faller **must** demonstrate either trees felled, or blowdown.

| Top bind | E | A | U |
|----------|--------------------------|--------------------------|--------------------------|
| Cut 1 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cut 2 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cut 3 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cut 4 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cut 5 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Comments to faller:

| Bottom bind | E | A | U |
|-------------|--------------------------|--------------------------|--------------------------|
| Cut 1 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cut 2 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cut 3 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cut 4 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cut 5 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Comments to faller:


E = Excellent, best practice

A = Meets the acceptable standard

U = Does not meet the acceptable standard

Part 19A – Demonstrate falling cuts

Objective: The professional faller uses safe work procedures when making falling cuts.

| Items/comments | Marking conditions |
|---|--|
| <div style="border: 1px solid #4F81BD; padding: 5px; margin-bottom: 10px;">  Photo required If either a pie or conventional cut is used, a picture of the butt of the tree is required. Take a photo of all stumps scored. </div> <div style="border: 1px solid #4F81BD; padding: 5px;"> <p>Note to QS/T</p> <p>Note 1: If the faller determined that the tree had to be wedged, the undercut depth should be 25% of the tree diameter.</p> <p>Note 2: Timber 60" 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.</p> <p>Note 3: Short stubs can have an undercut up to 50%.</p> <p>Note 4: Reference info flips. If Part 19A is scored "unacceptable," Part 12 must also be scored "unacceptable."</p> </div> <p>Undercuts and backcuts</p> <p>Total stump points divided by the number of stumps assessed = mark awarded.</p> <p>Excellent (13, 14, 15): Preferred undercut depth:</p> <ul style="list-style-type: none"> Score 15: must be 33% in non-wedged tree and 25% in wedged tree Score 13 or 14: must be 33% in non-wedged tree and 25% in wedged tree <p>Continued on next page...</p> | <ul style="list-style-type: none"> <input type="checkbox"/> E 15 <ul style="list-style-type: none"> <input type="checkbox"/> Preferred undercut and backcut are straight and level and completed from high side <input type="checkbox"/> Preferred undercut selected for: wedging, timber type, and terrain <input type="checkbox"/> Undercut is cleaned out and is the preferred percentage of tree diameter <input type="checkbox"/> The undercut opening is of the preferred ratio for the type of undercut selected <input type="checkbox"/> Holding wood and preferred anti-kickback step are maintained across the entire stump <input type="checkbox"/> See table below; also see note 1 <input type="checkbox"/> 14 <ul style="list-style-type: none"> <input type="checkbox"/> Preferred undercut and backcut are straight and level and completed from high side <input type="checkbox"/> Undercut is 33% of the tree diameter and is angled to ensure that the opening is at least 50% the length of the topcut <input type="checkbox"/> Undercut is cleaned out <input type="checkbox"/> Holding wood is maintained across the entire stump <input type="checkbox"/> Also see note 2 <input type="checkbox"/> 13 Meets acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> And depth of undercut is 33% tree diameter <input type="checkbox"/> Holding wood is maintained across the entire stump <input type="checkbox"/> Also see note 1 <input type="checkbox"/> A 12 Acceptable standard: <ul style="list-style-type: none"> <input type="checkbox"/> 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 <input type="checkbox"/> Undercut is cleaned out <input type="checkbox"/> The cuts forming the opening of the undercut are 33% to 50% the length of the topcut <input type="checkbox"/> Backcut is slightly above the undercut, slightly off level <input type="checkbox"/> Holding wood is preferably maintained across the entire stump but at minimum must be on both corners <input type="checkbox"/> Also see note 2 |

E = Excellent, best practice **A** = Meets the acceptable standard **U** = Does not meet the acceptable standard

Part 19A – Demonstrate falling cuts (continued)

| Items/comments | Marking conditions |
|---|---|
| <p>Acceptable (12): Appropriate undercut depth and appropriate undercut:</p> <ul style="list-style-type: none"> • Determined based on timber type and region (see table below): <ul style="list-style-type: none"> • If hardwoods or frozen: use conventional or pie undercuts • All others: use Humbolt/Swanson undercuts <p>Unacceptable (0):</p> <ul style="list-style-type: none"> • Three or more stumps that score 3 or less, QS/T must score this section “unacceptable” | <p><input type="checkbox"/> 3</p> <ul style="list-style-type: none"> <input type="checkbox"/> Undercut is off level <input type="checkbox"/> Not cleaned out or corrected <input type="checkbox"/> Too deep or too shallow over 40% or less than 25% of diameter opening is less than 33% the length of the topcut <input type="checkbox"/> Backcut is flush to undercut – no step <input type="checkbox"/> Excessive holding wood left on the low side of the stump <p><input type="checkbox"/> U 0 Unacceptable:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fails to meet the acceptable standard <input type="checkbox"/> Undercut 50% or greater of the tree diameter <input type="checkbox"/> No undercut <input type="checkbox"/> Dutchman <input type="checkbox"/> Backcut is below undercut <input type="checkbox"/> Holding wood is cut off <input type="checkbox"/> Tree splits or barber chairs <input type="checkbox"/> And there is excessive slope from backbarring <p>Comments to faller:</p> <p style="text-align: right;">Mark: /15</p> |
| <p>Total marks for this part: /15</p> | |

Part 19A – Demonstrate falling cuts (continued)

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 in table below:

| Humbolt, Swanson undercuts | Preferred anti-kickback step |
|--|---------------------------------|
| Up to 36" (3' 0") diameter | .75 to 1 inch height difference |
| 48" (4' 0") to 60" (5' 0") diameter | 1.5 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 | .75 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 |

Part 19B – Demonstrate falling cuts

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

| Stump number | Tree species | Ground slope percent | Diameter inches | Backcut inches | Undercut inches | Undercut depth percent | Undercut type | Undercut 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 |
| Average (out of 15) | | | | | | | | | | | /15 |

Stump comments

Descriptor: QS/T to indicate description of each tree felled.

| Descriptor | |
|-------------------|-----------------------|
| W = Wedged | HL = Heavy leaner |
| NW = Not wedged | LT = Limb tied |
| SS = Short stubby | US = Up-slope falling |
| | DT = Dangerous tree |
| Stump number | Comments |
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | |

E = Excellent, best practice

A = Meets the acceptable standard

U = Does not meet the acceptable standard

Field examination and evaluation grand total

| Part number and title | QS/T | Admin |
|--|-------|-------------|
| Part 1 — Personal protective equipment (PPE) | /1 | /1 |
| Part 2 — Mental and physical well-being | /1 | /1 |
| Part 3 — Man-check procedures and transportation | /4 | /4 |
| Part 4 — First aid and emergency response plan | /1 | /1 |
| Part 5 — Review plan and initial safety meeting | /2 | /2 |
| Part 6 — Adverse weather conditions | /1 | /1 |
| Part 7 — Identifying hand tools and equipment | /2 | /2 |
| Part 8 — Determining chainsaw suitability | /3 | /3 |
| Part 9 — Practice chainsaw maintenance | /3 | /3 |
| Part 10 — Demonstrate chainsaw handling | /8 | /8 |
| Part 11 — Demonstrate process of falling | /7 | /7 |
| Part 12 — Falling a tree | /15 | /15 |
| Part 13 — Demonstrate use of axe, wedges, and directional control | /8 | /8 |
| Part 14 — Recognize dangerous falling practices | /3 | /3 |
| Part 15 — Manage falling hazards | /11.5 | /11.5 |
| Part 16 — Identifying special falling techniques | /4 | /4 |
| Part 17 — Demonstrating limbing/taping | /5 | /5 |
| Part 18 — Demonstrating the bucking process | /10 | /10 |
| Part 19 — Demonstrate falling cuts | /15 | /15 |
| Grand total — Passing mark is 75 (out of 100 possible marks) Score is to be confirmed by the administrator prior to awarding certification. | | /100 |
| QS/T comments (state the classification of the timber type and terrain of which the evaluation was performed in) | | |

Field examination and evaluation grand total (continued)

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 QS/T (please print) | QS/T identification number |
| Signature of QS/T | Date signed (yyyy-mm-dd) |

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 signed (yyyy-mm-dd) |
|-------------------------|--------------------------|

| |
|----------------------------------|
| Subject-matter expert's comments |
|----------------------------------|

| | |
|--|------------------------------|
| Name of subject-matter expert (please print) | |
| Internal verification number | External verification number |
| Signature of subject-matter expert | Date signed (yyyy-mm-dd) |

Appendix

Part 1 — Other PPE and clothing

8.10 Personal clothing and accessories

- (1) The personal clothing of a worker must be of a type and in a condition which will not expose the worker to any unnecessary or avoidable hazards.
- (2) If there is a danger of contact with moving parts of machinery or with electrically energized equipment, or if the work process presents similar hazards
 - (a) the clothing of the worker must fit closely about the body,
 - (b) dangling neckwear, bracelets, wristwatches, rings or similar articles must not be worn, except for medical alert bracelets which may be worn with transparent bands that hold the bracelets snugly to the skin, and
 - (c) cranial and facial hair must be confined, or worn at a length which will prevent it from being snagged or caught in the work process.

8.20 Cleaning or replacement

If a glove, apron, or other protective equipment used to protect the skin against contact with a hazardous substance is rendered ineffective due to contamination with the substance, the protective equipment must be promptly replaced with clean or decontaminated equipment to maintain the required protection.

Part 3 — Man-check procedures and transportation

26.28 Summoning assistance

- (1) Qualified assistance must be readily available to fallers in case of difficulty, emergency or injury.
- (2) Fallers and buckers must have an effective means to summon assistance.

Appendix (continued)**Part 4 — First aid and emergency response plan****Schedule 3-A Minimum levels of first aid (OHS Regulation)****Personal first aid kit**

These items must be kept clean and dry. A weatherproof container is recommended.

- 1 pressure dressing
- 6 sterile adhesive dressings, assorted sizes, individually packaged
- 1 wallet-sized instruction card advising the worker to report any injury to the employer for entry in the first aid records, and instructions on how the worker is to call for assistance
- 6 14 cm x 19 cm wound cleansing towelettes, individually packaged

Basic first aid kit

These items must be kept clean and dry and must be ready to take to the scene of an accident. A weatherproof container is recommended.

- 12 14 cm x 19 cm wound cleansing towelettes, individually packaged
- 30 hand cleansing towelettes, individually packaged
- 50 sterile adhesive dressings, assorted sizes, individually packaged
- 6 10 cm x 10 cm sterile gauze dressings, individually packaged
- 2 10 cm x 16.5 cm sterile pressure dressings with crepe ties
- 2 20 cm x 25 cm sterile abdominal dressings, individually packaged
- 4 cotton triangular bandages, minimum length of base 1.25 m
- 2 safety pins
- 1 14 cm stainless steel bandage scissors or universal scissors
- 1 11.5 cm stainless steel sliver forceps
- 6 cotton tip applicators
- 1 2.5 cm x 4.5 m adhesive tape
- 1 7.5 cm x 4.5 m crepe roller bandage
- 1 pocket mask with a one-way valve and oxygen inlet
- 6 pairs of medical gloves (preferably non-latex)
- 1 instruction card advising workers to report any injury to the employer for entry in the first aid records, and how a worker is to call for assistance