# Crosscut Evaluation Form
# A/B Sawyer

USDA – Forest Service

**FS-2300-0052a** (2023)

| **Evaluation Type:** | Name: |
|---|---|
| ☐ Initial evaluation | Work Address: |
| ☐ Re-evaluation | |
| **Current Certification:** _____ | Email: |

| Classroom Location/Date: Provide certificate with appropriate modules. | Region:       Forest: |
|---|---|
| | Ranger District/ Zone: |
| | Volunteer Partner/Cooperator Group: |
| Evaluation Location/Date: | Supervisor Name: |
| | Supervisor Email: |

**First Aid/CPR:** ☐   I certify that I have completed and will maintain current first aid and CPR training. _____(initial)

## BOXES BELOW TO BE FILLED BY SAWYER INSTRUCTORS OR EVALUATORS
### Check boxes Y or N or N/A

| | TOOLS AND EQUIPMENT | | | |
|---|---|---|---|---|
| | Appropriate saw selection and maintenance | | | Proper wedge selection |
| | Appropriate ax selection and maintenance | | | |
| | Lubrication/Solvent | | | Other companion tools (peavey, winch, underbuck, etc.) |

| | SAFETY EQUIPMENT *Missing or non-functioning items will result in suspension of evaluation.* | | | |
|---|---|---|---|---|
| | Head protection | | | Boots |
| | Eye protection | | | Gloves |
| | Leg protection (long pants) | | | Radio or other communication device |

| | SAW HANDLING AND OPERATIONS | | | |
|---|---|---|---|---|
| | Transportation of saw and ax | | | Correct body position and technique |
| | Sheath placement and removal | | | Cut preparation |
| | Saw passing | | | Positive communication with saw partner and co-workers |
| | Field storage of saw and ax | | | Control of cutting area |
| | Describes OHLEC process | | | |

## BUCKING OPERATIONS

*Use a scale of 1 through 3 to identify per-log proficiency: 1=Needs work 2=Demonstrates Ability 3=Shows Proficiency.*

| Score | | | OBJECTIVE | Score | | | ESCAPE PLAN |
|---|---|---|---|---|---|---|---|
| | | | Objective clearly articulated | | | | Escape plan clearly articulated |
| | | | Work area control | | | | Good side / bad side determined |
| Score | | | HAZARDS | | | | Escape path(s) determined and cleared |
| | | | Hazards relative to objective identified and mitigated | | | | Escape plan utilized |
| | | | Clears work area | Score | | | CUT PLAN |
| | | | Spring poles mitigated | | | | Articulation of cut plan |
| Score | | | BINDS | | | | Sequence of cuts |
| | | | Location and type of binds recognized | | | | Use of wedges |
| | | | Bole movement anticipated | | | | Implementation of cut plan |
| | | | Correct cut sequence | | | | |

| | | | SAWYER ANALYSIS | | | | |
|---|---|---|---|---|---|---|---|
| | | | Firm but comfortable grip of saw handles | | | | Adherence to cutting plan or communicates reason for deviation |
| | | | Proper stance, footing, body to one side (pull across body), proper pull/push timing | | | | Single bucking (if applicable) |
| | | | Anticipates binds correctly (avoids saw pinch) | | | | Work area control - communication with saw partner and co-workers (warning shout, if needed) |
| | | | Determine stability of the log (anticipate & predicts movement) | | | | Protect saw (remove bark, place bark under cut, finish single bucking) as needed |

## FELLING OPERATIONS

*Use a scale of 1 through 3 to identify per-tree proficiency: 1=Needs work 2=Demonstrates Ability 3=Shows Proficiency.*

| Score | | | OBJECTIVE | Score | | | ESCAPE PLAN |
|---|---|---|---|---|---|---|---|
| | | | Objective clearly articulated | | | | Escape plan clearly articulated |
| | | | Tree height determined | | | | Escape path(s) determined and cleared |
| **Score** | | | **HAZARDS** | **Score** | | | **CUT PLAN** |
| | | | Hazards relative to objective identified and mitigated | | | | Articulation of cut plan |
| | | | Work area hazards identified and mitigated | | | | Cutting area control |
| | | | Sounding and fiber condition | | | | Undercut |
| **Score** | | | **LEANS** | | | | Hinge |
| | | | Determine types of lean | | | | Back cut |
| | | | Calculate amount of lean | | | | Use of wedges |
| | | | Good side / bad side determined | | | | Implementation of cut plan |

| EVALUATOR SKETCH TREE #1 | EVALUATOR SKETCH TREE #2 | EVALUATOR SKETCH TREE #3 |
|---|---|---|
| | | |
| Height _____ DBH _____ <br> % Slope _____ Species _____ <br> Condition _____ <br> Feet from center of lay _____ | Height _____ DBH _____ <br> % Slope _____ Species _____ <br> Condition _____ <br> Feet from center of lay _____ | Height _____ DBH _____ <br> % Slope _____ Species _____ <br> Condition _____ <br> Feet from center of lay _____ |

| SAWYER ANALYSIS | | | | | | |
|---|---|---|---|---|---|---|
| | | | Firm but comfortable grip of saw handles | | | Adherence to cutting plan or communicates reason for deviation |
| | | | Proper body position relative to saw, pulls across body | | | Positive communication with saw partner |
| | | | Determine fiber condition of objective | | | Ax use (undercut) leg back in case of glancing blow |
| | | | Acceptable hinge constructed (80%+/ 10%-) | | | Work area control – Warning shout |
| | | | Proper wedge selection & placement | | | Met objective |

| COMMENTS |
|---|
| |

### Recommendation for Level of Certification (subject to final approval)

☐ **A-Sawyer Bucking**   ☐ **A-Sawyer Felling & Bucking**   ☐ **B-Sawyer Bucking**   ☐ **B-Sawyer Felling & Bucking**

**Evaluator** (print) _____   Signature_____

**Evaluator Certification Level** _____   E-mail _____

**Student Signature (optional)** _____   Date_____

### NOTE: Please attach any evaluation photos or additional drawings to this document.