

Sawyer Qualification: C-Sawyer (Advanced)

Responsibilities and Limitations: (2358.06e – Exhibit 01)

C-Sawyer Chainsaw Bucking Only “*May independently buck and limb material in complex situations Can supervise A and B Sawyers when they are bucking. May independently conduct formal instruction for all sawyers bucking only. May conduct formal field evaluations of A and B sawyers bucking only.*”

C-Sawyer Chainsaw Felling and Bucking “*May independently limb, buck and fall material in complex situations. Can supervise A and B Sawyers when they are felling or bucking. May independently conduct formal instruction for all Sawyers. May conduct formal field evaluations of for all Sawyers.*”

Narrative: C-Sawyers are advanced sawyers who have demonstrated the ability to safely perform highly complex saw operations. C-Sawyers are role models for the saw program and are expected to have a working knowledge of saw policy, demonstrate positive mentorship, and regularly assist with classroom instruction and field evaluations of other sawyers.

Evaluation: C-Sawyer needs to be evaluated in person by 2 C-Sawyers, one of which must be qualified at the C-Evaluator level. The second can either be a C-Sawyer, or an approved training consultant. This is to ensure that the sawyer has the requisite skillset needed to operate a saw in a highly complex environment with no support or direction from other sawyers.

General knowledge and skills: Handling skills including a high degree of proficiency of all “A and B sawyer” fundamental skills plus:

1. Preparedness –

- Comprehensive knowledge of saw program policy, curriculum, and standard practices.
- Properly identifies any tree defects, understands the impacts on the saw operations, and develops mitigations.

2. Communication –

- Determine the appropriate undercut (conventional, Humboldt, open-faced) and able to describe pros/cons of the selected undercut.
- Demonstrates the appropriate backcut (conventional, boring, quarter back cut, etc.) and able to describe pros/cons for the selected backcut.
- The ability to articulate and, when needed, demonstrate a comprehensive wedge plan.
- Understands when to utilize left-handed cutting techniques and able to pound wedges ambidextrously.

3. Saw Operations –

- Fluid movements, executed effectively, resulting in reduced exposure times.

4. Proficiency–

- Geometry of cuts line up well, with minimum cleanup.
- Fluid movements executed effectively are performed with proficiency, and limited exposure.

Evaluation Tasks and Techniques:

C-Bucking Skills: Proficiency of all A and B-Bucking tasks, plus can demonstrate at least 3 *complex* bucking scenarios that may include:

1. Trees under substantial tension, compression, and torsion (multiple bind situation) – high release of energy expected
2. Very large trees (length or diameter)
3. Removing or repositioning a hung-up tree
4. Bucked logs that are difficult to move. Here preplanning is important, e.g. runners, levers, or ropes needed to get bucked log into objective
5. Bucking trees on a steep slope
6. Individual blowdown, wind-shook, or shattered trees
7. Cutting through a jackstraw or avalanche debris, or elevated pile (will count as 1 highly complex situation with many trees)
8. Elevated trees (on other trees or suspended by large limbs)
9. Trees that have no good side (due to slope, bind, footing, etc.)

C-Sawyer Evaluator “C-Sawyer Evaluators conduct Sawyer trainings and evaluations for their unit or other units as needed. **Conduct Sawyer training and evaluations in a consistent, fair and unbiased manner.**”

Duty

- Technical proficiency as an operator and a leader
- Make sound and timely decisions
- Clear communication to ensure tasks are understood, supervised, accomplished safely
- Develop and mentor sawyers, instructors, and evaluators for the future of the saw program

Respect

- Know your fellow sawyer’s skills, abilities, and mindset while looking out for their well-being
- Keep other sawyers informed
- Build and foster the saw community
- Ensure other sawyers operate in accordance with their capabilities

Sawyer Qualification: C-Sawyer (Advanced)

Responsibilities and Limitations: (2358.06e – Exhibit 01)

C-Sawyer Crosscut Bucking Only “*May independently buck and limb material in complex situations Can supervise A and B Sawyers when they are bucking. May independently conduct formal instruction for all sawyers bucking only. May conduct formal field evaluations of A and B sawyers bucking only.*”

Narrative: C-Sawyers are advanced sawyers who have demonstrated the ability to safely perform highly complex saw operations. C-Sawyers are role models for the saw program and are expected to have a working knowledge of saw policy, demonstrate positive mentorship, and regularly assist with classroom instruction and field evaluations of other sawyers.

Evaluation: C-Sawyer needs to be evaluated in person by 2 C-Sawyers, one of which must be qualified at the C evaluator level. The second can either be a C-Sawyer, or an approved training consultant. This is to ensure that the sawyer has the requisite skillset needed to operate a saw in a highly complex environment with no support or direction from other sawyers.

General knowledge and skills: Handling skills including a high degree of proficiency of all “A and B-Sawyer” fundamental skills plus:

1. Preparedness –

- Comprehensive knowledge of saw program policy, curriculum, and standard practices.
- Properly identifies any tree defects, understands the impacts on the saw operations, and develops mitigations.

2. Communication –

- Size-ups are very thorough, concise, and clearly articulated.
- Lead sawyer demonstrates leadership, expertise, ability to communicate all aspects of the size up and provides guidance to improve safety of the saw team.
- Able to properly select a plan and cutting sequence from multiple viable options and clearly define why a specific option was chosen over other.
- The lead sawyer dismisses the secondary sawyer at the appropriate time.

3. Proficiency –

- Sawyer demonstrates fluidity and maturity regarding saw operations and handling.
- If a procedure alteration is necessary during the saw operation, the sawyer explains to the evaluators the change in plan and the reason for the deviation.
- After the saw operation, the sawyer can discuss what went well and what needed improvement.

4. Instruction –

- Able to provide immediate critique of oneself and readily respond through adaptations made to improve outcomes.

Evaluation Tasks and Techniques for initial C certification:

C-Bucking Skills: Proficiency of all A and B-Bucking tasks, plus can Demonstrate at least 3 *complex* bucking scenarios that may include:

1. Trees under substantial tension, compression, and torsion (multiple bind situation) – high release of energy expected
2. Very large trees (length or diameter)
3. Removing or repositioning a hung-up tree
4. Bucked logs that after cuts are completed are difficult to move. Here preplanning is important, e.g. runners, levers, or ropes needed to get bucked log into objective
5. Bucking trees on a steep slope
6. Individual blowdown, wind-shook, or shattered trees
7. Cutting through a jackstraw or avalanche debris, or elevated pile (will count as 1 highly complex situation with many trees)
8. Elevated trees (on other trees or suspended by large limbs)
9. Trees that have no good side (due to slope, bind, footing, etc.)