



First Directional Felling Assessment

Site Inspection:

- Targets Pass ___ Fail ___
- Adjacent trees' condition Pass ___ Fail ___
- Terrain Pass ___ Fail ___
- Wind direction and speed Pass ___ Fail ___

Tree Condition:

- Walk around 360 degrees Pass ___ Fail ___
- Crown symmetry Pass ___ Fail ___
- Height (use stick) Pass ___ Fail ___
- Lean (from 2 directions) Pass ___ Fail ___
- Tree condition (live, dead, cavities) Pass ___ Fail ___
- Identify tree species and wood characteristics (hard, or soft, brittle, or flexible) Pass ___ Fail ___

Felling Plan:

Drop zone (identify 1 ½ height) Pass ___ Fail ___

Danger zone (identify 2 times height) Pass ___ Fail ___

Set pull line(s) at appropriate height, demonstrate pull test Pass ___ Fail ___

Consider the need for oppositional rigging (2 ropes) Pass ___ Fail ___

Demonstrate setup of mechanical advantage pull system Pass ___ Fail ___

Communication with crew Pass ___ Fail ___

Escape routes cleared of trip hazards Pass ___ Fail ___

Using gunning sight, create open face notch 25% to 33% of DBH with zero bypass Pass ___ Fail ___

Communication with crew Pass ___ Fail ___

Back cut made from the side of tree opposite any side lean, use wedge Pass ___ Fail ___

Use the escape route opposite any side lean before the tree is pulled over Pass ___ Fail ___

Hinge should be 5% to 10% of DBH Pass ___ Fail ___

Practice bore cut on downed tree Pass ___ Fail ___

Limb and buck downed tree Pass ___ Fail ___

If spring poles are present, make them safe Pass ___ Fail ___

If it isn't possible to fell an entire tree, completion of some of the prior steps may be done on any standing tree. The face and back cuts can be completed on any size stub.

Score: Pass ___ Fail ___ Must pass all steps to show competency or do over.

Comments _____

Company _____ Job location _____

Instructor's name _____ signature _____

Trainee's name, registry #, and Step level _____

Trainee's signature _____ Date _____