

Canadian Trainers Foundation Awareness Training Standards

Registration will include:

- ◆ Awareness level 6.5 hr. day, the most rudimentary of due diligence requirements.
- ◆ Course Manual, Test and Wallet Card.

Chainsaw Safety Training Program

All chainsaw operators must be properly trained and have the knowledge and skills required in order to maximize the benefits of this specialized piece of equipment. Training is provided by trainers that have over 25 years of saw operation experience each. It is based on manufacturer's technique manuals and OH&S regulations pertaining to saw operations.

Training Objectives

The objective of the Chainsaw Safety Training Program is to provide chainsaw operators with the skills and safe practices required for maintenance or construction operations.

They will receive training in OH&S regulations for saw operations, basic safe saw operation, maintenance, filing, proper PPE use and bucking. They will be made aware of hazardous situations and the potential resulting consequences when operating a saw outside of their own handling capabilities.

Day 1 - Classroom/Field

Course Introduction

Emergency Response Plan

Chainsaw, Pole saw handling. Safe starting techniques.

Fuelling and fire prevention

Personal Protective Equipment, Clothing and other related equipment

Occupational Health & Safety Regulation when using a chainsaw (local/provincial)

Saw Breakdown and Daily Maintenance

Saw Chain sharpening and cleaning in the Field Basic Push-Pull-Kick, cuts
Presentation, Demonstration. Practice.

Forces and Reactions in the Wood or
HPV pipe presentation.

Basic Chainsaw Operation (Level 2)

This registration level is designed for individuals with limited chainsaw training and experience. Level 2 registration candidates will be registered at a level where they will possess the skills and safe practices required for **slashing, bucking, limbing and removal of nuisance trees.**

Training Level and Requirements

In order to qualify for this level of registration, each candidate will have to demonstrate proper safety skills and satisfy the following requirements:

- ◆ Successful demonstration of essential chainsaw skills.
- ◆ Must demonstrate positive attitude towards safety procedures at all times.
- ◆ Pass mark of 75 % on final exam.
- ◆ Must successfully meet essential technical slashing, bucking and limbing skills.
- ◆ Satisfactory field evaluation by a certified Trainer

Basic (Level-2), personnel must demonstrate:

- ◆ A working knowledge and understanding of safety regulations and pre-cautions when using the chainsaw. (Obligation to inform level of training and experience).
- ◆ Knowledge and understanding of mandatory and recommended personal safety equipment. Also use and care.
- ◆ A basic understanding of servicing, sharpening and maintaining the chainsaw in the field.
- ◆ Knowledge and understanding of hazards and techniques specific to their work site operations. Electrical limits of approach. Hazard trees etc.

Duration: Minimum of 16 hours of instructional training. 60% Hands on.

No. of candidates: Maximum 10 per registered Instructor

Introductory Feller Chainsaw Operation (Level 3)

Introductory Feller (Level 3) training registration, is designed to develop safe, proficient candidates capable of felling trees under a variety of work site operations and conditions. This registration program is not intended to be a production felling training course.

Training Level and Requirements

The training will focus on developing practical felling experience while ensuring that proper safety procedures are maintained at all times during felling and bucking operations. The candidates will be trained to deal with bucking and felling and may be asked to supervise buckers while on a work site.

In order to qualify for the Level 3 Introductory Feller, each candidate will have to demonstrate safety skills, chainsaw-handling proficiency, and positive attitude and must satisfy the following requirements:

- ◆ Must be motivated and demonstrate proper safety procedures at all times
- ◆ Must demonstrate above average practical saw maintenance and operation
- ◆ Must be able to safely carry out normal limbing, bucking and felling
- ◆ Must recognize their own personal limitation while operating a chainsaw
- ◆ Must achieve a pass mark of 75 % on final exam
- ◆ Must proficiently meet essential technical felling skills and standards
- ◆ Must receive a satisfactory class room and field evaluation by a recognized and certified Trainer

Training Objectives

The candidates must demonstrate proper safety procedures and will receive extensive exposure in felling trees and directional falling practices.

Successful participants must demonstrate a knowledge and proficiency of proper felling cuts and techniques

- ◆ A thorough knowledge of Occupational Health and Safety Regulations and Procedures involving forestry and felling practices consistent with BC, Alberta, Saskatchewan and any other Provincial or Territorial regulations.
- ◆ Precision felling techniques and related tools (wedges, straps and levers).
- ◆ Working with buckers, heavy machinery (e.g. dozers, mulchers etc.)
- ◆ Saw breakdown and daily maintenance, filing, etc.
- ◆ Felling theory and practice
- ◆ Dealing with hazard trees
- ◆ All chainsaw operation procedures according to established standards

Course Outline

Duration: Minimum of 24 hours of instructional training. 60% hands on.
No. of candidates: Maximum 8 per registered Instructor, 10 with 4 days instruction.

Proficient Felling Techniques (Level 4)

Proficient Felling Techniques (Level 4) training registration, is designed to develop safe, proficient candidates capable of felling trees under a variety of work site operations and conditions, including energized power lines. This registration program is intended to be the base for UTT and/or UTW certification.

Training Level and Requirements

The training will focus on developing practical felling experience while ensuring that proper safety procedures are maintained at all times during felling and bucking operations. The candidates will be trained to deal with removal of trees using rope techniques, advanced wedging techniques plus bucking and felling and may be asked to supervise fallers, buckers while on a work site.

In order to qualify for the Level 4 Proficient felling techniques, level 3 must be completed successfully, each candidate will have to demonstrate safety skills, chainsaw-handling proficiency, and positive attitude and must satisfy the following requirements:

- ◆ Must be motivated and demonstrate proper safety procedures at all times
- ◆ Must demonstrate above average practical saw maintenance and operation
- ◆ Must be able to tie bowline, half hitch, figure 8 knots
- ◆ Must be able to set a rope into a tree
- ◆ Must be able to demonstrate three rope techniques. Straight pull, redirect using a winch, Side lean anchor with pull forward.
- ◆ Must be able to do a complete hazard assessment of the tree and surrounding area
- ◆ Must be able to safely carry out normal limbing, bucking and felling
- ◆ Must recognize their own personal limitation while operating a chainsaw
- ◆ Must achieve a pass mark of 80 % on final exam
- ◆ Must proficiently meet essential technical felling skills and standards
- ◆ Must receive a satisfactory class room and field evaluation by a recognized and certified Trainer

Training Objectives

The candidates must demonstrate proper safety procedures and will receive extensive exposure in felling trees and directional falling practices.

Successful participants must demonstrate a knowledge and proficiency of proper felling cuts and techniques

- ◆ A thorough knowledge of Occupational Health and Safety Regulations and Procedures involving forestry and felling practices consistent with Alberta, Saskatchewan, Manitoba, Ontario and any other Provincial or Territorial regulations.
- ◆ Precision felling techniques and related tools (wedges, ropes, straps and levers).
- ◆ Working with buckers, heavy machinery (e.g. dozers, mulchers etc.)
- ◆ Saw breakdown and daily maintenance, filing, etc.
- ◆ Felling theory and practice
- ◆ Dealing with hazard trees
- ◆ All chainsaw operation procedures according to established standards

Course Outline

Duration: Minimum of 16 hours of instructional training. 70% hands on.
No. of candidates: Maximum 8 per registered Instructor

Day 1 - Classroom/Field

- Course Introduction
- Emergency Response Plan
- Personal Protective Equipment, Clothing and other related equipment
- Occupational Health & Safety Regulation when using a chainsaw (local/provincial)
- Saw Breakdown and Daily Maintenance
- Safe Chainsaw Handling and Chainsaw Maintenance (Power Point and Video)
- Chainsaw Sharpening and Cleaning in the Field
- Basic cut Presentation and Demonstration
- Working Around High Voltage Area
- Forces and Reactions in the Wood Presentation and Demo
- Student Practice on Bolts (field)

Day 2 - Field

- Compression/tension cuts demonstrations and exercises
- Bucking and limbing demonstrations and exercises
- Felling theory field lecture demonstrations and exercises
- Boring cuts - horizontal/vertical
- Dealing with difficult situations (i.e., Jackpots, leaner, snags, wind thrown, etc.)
- Student Practice on Felling Trees

Day 3, 4 and 5 – Field Level 3 and 4.

Felling and bucking practice and student assessment

Felling Technical Training will Include:

Felling Site Assessment

Over head hazards

Felling Cuts

Brushing out Base, Escape Route and Other Ground Hazards

Planning the undercut and back cut

Unclean Undercuts – hazards

Rotten/Hollow Tree Base

Instructor presentation and demonstration of felling snags progressively, responsibilities for snag felling and Snag assessment.

Incomplete bucking cuts

Adverse weather

Wedging, felling tools

Use of felling levers and cant straps

Dangerous felling and bucking practices

Hang-ups

Hazards and legality of working to close

Poor cutting practices

Fire killed timber

Disease/insect timber hazards

Felling on steep terrain

Bucking blow down

Unstable root systems

Factors affecting bucking cuts

Laying trees out for bucking

Brushed snags

Limbing

Bucking limbs under tension

Limbs supporting trees

Hidden limbs

Chainsaw saw bar positions for limbing

Basic safe bucking rules

Bottom bind

Heavy bottom bind

Top bind

Bucking on steep ground

Level 4 technical training will include

Stacking wedges (bore cut)

Stacking wedges (Rifled Wedges)

Tying knots, bowline, half hitch, figure 8

Setting ropes into trees

Rope, straight pull

Rope, re-direct with pulley system

Rope, side lean anchor line with straight pull