



# Program Delivery Strategy

## FWP

**Training Package** FWP Forest and wood products training package

**Name of the Unit** FWPCOT2274: Fall trees manually (Basic)

**Assessor:** All training/assessment will be conducted by Ricky Midson

### Target Group(s)

This unit is aimed at anyone with a need to safely operate a chainsaw to fall trees as part of their work or private activities. This unit is intended for use in situations where the production of timber is not the primary focus of the activity.

**Scope of Unit FWPCOT2274** - These are the limitations under which this unit is able to be used before moving on to the next level.

Tree diameter: not more than 50 cm at position of cut

Tree height: not more than 20 metres

### Characteristics:

- lean and weight distribution consistent with falling direction
- single leader
- sound wood condition in barrel
- species and growth conditions not prone to twisting or splitting
- ground slope not excessive

### Conditions:

- minimal canopy affecting free fall
- ground slope not more than 15 degrees
- wind not significantly affecting falling characteristics
- absence of ground growth or fallen trees that would prevent the free movement around stump or prevent a complete fall
- absence of stags and hazardous ground features in falling radius
- clear falling or sparse tree density

### Assessment Environment and Induction

The majority of assessments are expected to take place in the normal workplace of the candidate i.e. construction site, subdivision, Farm. Due to the nature of the training we may also access forestry land/coups and/or private farms to conduct the training on as some worksites may not be adequate.

Candidates will be offered the opportunity of participating in an on-site induction where the program delivery strategy will be explained including flexible learning/training options and assessment approaches

### **Assessment Modes/Approaches Suitable for the Target Group**

The assessment/training will be in three parts:

#### **Part 1:**

Learning material will be sent to the candidate for reading prior to commencing the training and or assessment.

We are aware that there may be a high percentage of people that have learning difficulties and will endeavour to adapt this method, according to each individual person and circumstance.

#### **Part 2:**

A theory/classroom session ending with an examination will need to be completed prior to any practical session being offered. Due to the dangerous nature of this unit of competency, the candidates will need to successfully complete this theory session before moving on to the practical training/ assessment.

#### **Part 3:**

A practical session will be conducted at a site suitable for the number of people participating in the course. Practical sessions will only be conducted after the successful completion of the theory/classroom component. A maximum of 1 student per assessor will be allowed at the area where the practical component is being conducted, all others will wait in a staging area until called foreword by the instructor.

**Practical Tasks:** During the course of the practical assessment you will be required to fall a total of four (4) trees in a safe manor leaving the required hinge wood. Photos will be taken of all trees and stumps both prior to and after the falling process. All participants will need to demonstrate the following to be deemed successful:

- Risk Assess the area of operations (looking for all hazards and controlling these hazards with appropriate hazard control measures)
- Identify the tree to be fallen and select the appropriate saw and equipment to complete the task
- Risk Assess the saw and equipment, performing any routine maintenance as required (sharpening chain, re-fuelling etc.)
- Clear the area around the tree
- Determine natural direction of lean and desired direction of fall
- Relay information to assessor so that they can assess your decision and stop you if it looks dangerous
- Clear escape routes (identify these to assessor)
- Warn other people in the vicinity
- Mark out and conduct cuts in the correct sequence
- Utilise wedges to maintain control of tree and to initiate the fall
- Maintain watch of the tree and move up your escape route to a safe place until it is on the ground

- Risk assess the canopy for potential widow makers
- Assess the butt and hinge wood
- Debrief by assessor after each tree

### **Assessment Instruments/Processes**

The only assessment instrument to be used for this unit is the **Integrated Tree Falling Assessment Instrument** designed by Training Services Tasmania that is version controlled and complete with an assessor's version.

No assessment instrument is to be used that has not first been authorised and version controlled.

### **Resources Requirements**

1. Learning Materials for the unit FWPCOT2274: Fall trees manually (Basic)
2. Short course enrolment form
3. Client learning needs survey
4. Assessment instruments
5. Candidate feedback sheet

### **Equipment required for training/assessment:**

- Safe area to conduct training/assessment is available.
- Suitable and well-maintained chainsaws (will be checked prior to assessment).
- Axes, wedges, files, tools as required for maintenance and sharpening tasks, suitable to the saws selected.
- Fuel and oil, correctly mixed.
- Helmets, hearing and eye protection for each individual.
- Cut proof trousers or chaps.
- High Vis shirt or jacket.
- Gloves as required.
- UHF radios or applicable communication on site.

Please note Training Services Tasmania, has all the equipment listed for use by attendees during this course, however if you wish to bring your own personal equipment, saws etc. please be aware all saws and safety equipment will be checked by the assessor for suitability prior to use, and all PPE must meet Australian Standards.

### **Support Arrangements/Other Options for Disadvantaged Groups**

The Forest industry attracts candidates who sometimes have low literacy and language skills. The assessment/delivery process described above acknowledges this and reflects an approach where these people will not be disadvantaged.

Candidates are asked to indicate if they are disadvantaged or have low reading/literacy skills at the enrolment stage. However, from our experience to date, most tend to not publicly acknowledge this problem. If an assessor/trainer finds that a candidate may be disadvantaged in some way, then

