



# Program Delivery Strategy

## FWP

**Training Package** FWP Forest and Wood Products Training Package

**Name of the Unit** FWPCOT3347: Fall trees manually (Intermediate)

**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 FWPCOT3347** - 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 80 cm at position of cut

Tree height: not more than 40 metres

### Characteristics:

- lean and weight distribution which can be adapted to falling direction with the use of wedges and/or control with hinge wood
- single leader
- sound wood condition in barrel
- may require the use of multiple back cuts

### Conditions:

- ground slope not more than 15 degrees
- moderate wind speed
- absence of ground growth or fallen trees that would prevent a complete fall

### 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 FWPCOT3347: Fall trees manually (intermediate)
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 special efforts should be made to support the candidate. File notes outlining the approach adopted should also be recorded on the candidate's file.

In general, where a candidate has a reading difficulty, and does not wish to participate in a literacy/language support program, then the assessor/trainer should diplomatically and sensitively support the candidate by not requiring the candidate to read lengthy or complex documents without assistance. Only oral assessments should be used and all documents that the candidate needs to sign should be either read first or left with the candidate for later collection. In this way, the candidate can seek support from a relative, friend, or work colleague without undue embarrassment.

## **Quality Indicators/Feedback/Moderation and Subsequent Action**

As this course will normally be conducted as a standalone unit, a candidate feedback sheet will be offered to all participants to complete and provide feedback about the course, location, material and the assessor.

For large groups from the one employer we will also seek feedback from the employer in the way of a phone call or course feedback sheet.

All feedback will be monitored and followed up by the general manager.

## **Staff Professional Development**

All Training Services Tasmania staff involved in the delivery of the unit FWPCOT3347: Fell trees manually (Intermediate), have recently been assessed by an assessor for the TFITB and will maintain currency through extra courses as needed.

## **Responsible Behaviour**

Training Services Tasmania has an assessor–candidate relationships policy which broadly outlines the responsible behaviour required of both the trainer/assessor and candidate while training/assessment is undertaken. A copy of this policy is available to any candidate who wishes to see it.

Training Services Tasmania’s staffs has a responsibility to behave in an ethical and objective manner and candidates are also obliged to respond by providing all of the information that is requested by the trainer. No candidate should act in an irresponsible manner while training is being undertaken, as it may endanger the trainee, work colleagues and/or the trainer.

If the behaviour of either the trainee or the trainer is considered by either party to be inappropriate, that behaviour will be reported to either the trainee’s supervisor or the trainer’s manager. Appropriate action would then follow from the relevant organisation and may result in disciplinary procedures.

## **Authorisation**

Name            Ricky Midson  
                      General Manager