



Australian Government

FWPFGM3207 Coordinate stem improvement

Release: 1

FWPFGM3207 Coordinate stem improvement

Modification History

Release	Comment
1	Replaces equivalent unit FPIFGM3207B Coordinate stem improvement, which was first released with FPI11 Forest and Forest Products Training Package Version 1. This is the first release of this unit in the new standards format.

Application

This unit of competency describes the outcomes required to plan, implement and monitor the development of preferred stem shape or number of branches, using techniques such as pruning and pest control.

The unit applies to those who coordinate stem improvement in a forest environment.

No licensing, legislative, regulatory, or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Forest Growing and Management

Elements and Performance Criteria

<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.</i>
1. Plan stem improvements	1.1 Obtain and review relevant information for impact on stem improvement planning. 1.2 Identify and select methods of intervention in line with required product. 1.3 Determine and document measurable performance indicators, specifications and targets. 1.4 Identify, seek and obtain required approvals from relevant authorities.

	1.5 Document and communicate stem improvement plan and its performance indicators to appropriate personnel.
2. Implement and monitor stem improvement	2.1 Identify and coordinate resources required for stem improvement activities. 2.2 Implement stem improvement plan to ensure stem health and growth are maintained. 2.3 Carry out systematic checks to ensure compliance requirements are adhered to 2.4 Monitor and adjust stem improvement activities as required 2.5 Identify and control risks and hazards in the work area.
3. Review stem improvement	3.1 Assess and evaluate data from operations to confirm methods and ensure budgets are in line with the plan. 3.2 Identify issues and impediments to stem improvement activities and program costs and document. 3.3 Recommend changes to stem improvement operations to improve costs effectiveness. 3.4 Record, report and disseminate information about stem improvement processes to appropriate personnel

Foundation Skills

This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria.

Numeracy skills to:	analyse operational costs and output to determine effectiveness of work.
Oral communication skills to:	supervise operational staff and contractors to work efficiently and effectively.
Planning and organising skills to:	- determine a stem improvement plan taking into consideration the site conditions, species and methods - supervise operational staff and contractors to work efficiently and effectively.

Range of Conditions

Not Applicable

Unit Mapping Information

FPIFGM3207B Coordinate stem improvement

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>

Assessment Requirements for FWPFGM3207 Coordinate stem improvement

Modification History

Release	Comment
1	Replaces equivalent unit FPIFGM3207B Coordinate stem improvement, which was first released with FPI11 Forest and Forest Products Training Package Version 1. This is the first release of this unit in the new standards format. Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including Required Skills and Knowledge, Evidence Guide and Range Statement

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. If a specific volume or frequency is not stated below, then evidence must be provided that the following requirements have been performed on at least one occasion:

- plan and coordinate a safe and effective stem improvement operation that includes one or more of the following methods:
 - pruning using mechanical or hand tools
 - using chemicals or biological agents
- follow organisational policies and procedures for coordinating stem improvement that includes:
 - recycling pruned material
 - disposing of pruned material that cannot be recycled due to chemicals or biological agents used
- identify and recommend methods and strategies to manage stem quality and growth
- determine and document measurable performance indicators, specifications and targets for work
- supervise staff to carry out stem improvement
- monitor stem improvement operation for efficiency and effectiveness
- document results from stem improvement activities and prepare a report for appropriate personnel.
-

Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- regulations, standards, codes of practice and safe practices for coordinating stem improvement
- environmental protection requirements, including the safe disposal of waste material and chemicals
- pruning techniques for target species
- tools and equipment used for stem improvement operations, and their safe use and maintenance including:
 - pruners
 - jacksaw
 - pouch
 - steps
 - epicormic remover
 - pole saw
 - ladder
 - climbing gear
- recognition and identification of species and plant identification sources
- approvals and documentation required for use of chemical or biological agents
- effective communication methods
- hazards that may apply to stem improvement activities including:
 - adverse weather conditions
 - adverse terrain conditions
 - use of machinery
 - use of chemicals or biological agents
- procedures for recording and reporting workplace information.

Assessment Conditions

The following resources must be made available:

- site that requires stem improvement operations
- resources and tools for stem improvement including:
 - pruners
 - jacksaw
 - pouch
 - steps
 - epicormic remover
 - pole saw
 - ladder
 - climbing gear

- relevant personnel for the purposes of communicating information
- workplace requirements and site standards for coordinating thinning operations.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>