

PIL504A Manage a permaculture project

This unit covers the process of managing a permaculture project. It requires the ability to acquire project resources, manage project activities, and finalise project and evaluate and report on activities. Managing a permaculture project requires knowledge of permaculture principles and practices, contract law, project management systems, and budgetary framework.

Element	Performance Criteria
1. Initiate project works	1.1 Establish project management team with stakeholders 1.2 Project resources, equipment and infrastructure are acquired and allocated 1.3 Responsibilities and roles of those involved in project are clarified according to project plan 1.4 Relationships between and integration of elements within the project are determined
3. Manage project activities	2.1 Tasks are implemented in accordance with project plan 2.2 Communication process is established including responsibilities for conflict resolution 2.3 Difficulties with plan execution are identified early and contingency plans implemented. 2.4 Progress is monitored to ensure time, performance, cost and quality of project is achieved 2.5 Cost over-runs and delays in project progress are investigated and negotiated in consultation with stakeholders
3. Finalise project and evaluate and report on activities	3.1 Finalisation plans are developed to ensure all outcomes are met 3.2 Evaluation of completed project is undertaken against agreed objectives and reported to stakeholders

Range of Variables

The Range of Variables defines the different contexts, work environments and parameters governing the performance of this competency standard. The variables chosen in training and assessment will need to reflect local industry and regional contexts.

What stakeholders may be included within this standard?	Stakeholders may include community groups, individual land holders, relevant interest groups, and government agencies
What project activities may be included within this standard?	Project activities may include community development projects, domestic and commercial projects on private land, projects on public land and may involve organic production, land restoration, technological, educational, social and economic development activities
What communication processes may be established for project management?	Communication processes may include consultation, feedback, accountability, review and mediation procedures and methodologies
What might be included in a finalisation plan ?	A finalisation plan may include assessment of project performance and outcomes in terms of initial design, strategic plan and applications of permaculture principles. Long term projects may require schedules, strategies and options for ongoing project management

Evidence Guide

What evidence is required to demonstrate competence for this standard as a whole?

Competence in this unit requires evidence that a permaculture project has been successfully managed and the performance criteria above have been met. The skills and knowledge required to manage permaculture projects must be **transferable** to a range of work environments and situations such as different projects, properties, climates and bioregions.

What specific knowledge is needed to achieve the performance criteria ?	<p>Knowledge and understanding are essential to apply this standard in the workplace, to transfer the skills to other contexts and to deal with unplanned events. The knowledge requirements for this unit are listed below:</p> <ul style="list-style-type: none"> • Permaculture principles and practices • Contract law • Project management systems • Budgetary framework
What specific skills are needed to achieve the	To achieve the performance criteria, some complementary skills are required. These skills are:

performance criteria?

- Acquire project resources
- Manage project activities
- Finalise project and evaluate and report on activities

What processes should be applied to this competency standard?

There are a number of processes that are learnt throughout work and life, which are required in all jobs. They are fundamental processes and generally transferable to other work functions. Some of these are covered by the **key competencies**, although others may be added. The questions below highlight how these processes are applied in this competency standard. Following each question a number in brackets indicates the level to which the key competency needs to be demonstrated where 0 = not required, 1 = perform the process, 2 = perform and administer the process and 3 = perform, administer and design the process.

1. How can communication of ideas and information (3) be applied?	Through application of project strategy
2. How can information be collected, analysed and organised (3) ?	Through use of project management record keeping
3. How are activities planned and organised (3) ?	Through following project schedules to meet project objectives
4. How can team work (3) be applied?	Through consultation with stakeholders and in distribution and implementation of project activities
5. How can the use of mathematical ideas and techniques (3) be applied?	In costing and scheduling of works and preparing bill of quantities
6. How can problem-solving skills (3) be applied?	Through dealing with project contingencies as they arise
7. How can the use of technology (3) be applied?	Through the use of appropriate project management software and other computer applications

Are there other competency standards that could be assessed with this one?

This competency standard could be assessed on its own or in combination with other competencies relevant to the job function.

For information about assessing this competency standard for consistent performance and where and how it may be assessed, refer to the **Permaculture International Ltd Course Documentation**.