



**Australian Government**

# **Assessment Requirements for FBPTEC5001 Manage and evaluate new product trials**

**Release: 1**

# Assessment Requirements for FBPTEC5001 Manage and evaluate new product trials

## Modification History

Release	Comments
Release 1	This version released with the FBP Food, Beverage and Pharmaceutical Training Package Version 2.0.

## Performance Evidence

An individual demonstrating competency in this unit must satisfy all of the elements and performance criteria of this unit.

There must be evidence that the individual has managed and evaluated trials for at least one new product, including:

- establishing parameters, conditions and requirements for product trial
- establishing, documenting and communicating the procedure for the trial to relevant personnel
- monitoring and evaluating trial outcomes against objectives and set conditions
- documenting all aspects of trial to ensure repeatability and collection of evidence.

## Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- structure and processes of developing product trials, including:
  - project parameters
  - constraints
- criteria for evaluating outcomes, including:
  - clarifying reporting requirements
  - reporting formats
- process documentation procedures and requirements to ensure that the process:
  - meets trial outcomes
  - is consistent with legislative requirements
  - is consistent with company policy objectives
- procedures for planning and monitoring a trial process and the factors to be taken into account
- proposed formulations and preferred processing methods to assess constraints and opportunities for improvement, including:

- equipment capability
- typical materials usage
- rates to achieve a given production outcome
- area experts
- systems and procedures for managing work health and safety (WHS), environmental issues and food safety through the trial process
- investigation and process improvement techniques and processes, including:
  - techniques to collect data
  - techniques to evaluate trial data
- communication processes and strategies to meet the information requirements of all stakeholders
- procedures for planning production targets and timeframes within equipment and process capability
- resources to meet trial schedule, including:
  - stock levels
  - equipment availability and capacity
  - personnel
  - storage capacity
- procedures for the development of trial schedules to manage the process
- documentation and appropriate formats, including:
  - product specifications
  - recipe formulations
  - process parameters
  - operating procedures
- monitoring procedures for trial progress to identify variances and factors that may need to be adjusted
- problem-solving processes as they relate to conducting product trials
- project planning, scheduling and monitoring procedures
- methods of collecting and evaluating trial information, including the role of an evaluation team
- procedures for reporting trial outcomes and related improvement opportunities.

## Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
  - skills must be demonstrated in a workplace setting or an environment that accurately represents a real workplace
- resources, equipment and materials:
  - trial objectives and parameters
  - trial products

- specifications:
  - new product specifications
  - relevant standard operating procedures.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

## **Links**

Companion Volume Implementation Guides are found in VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>