



**Australian Government**

**Assessment Requirements for  
PMBPROD352E Produce compounded  
materials**

**Release: 1**

# Assessment Requirements for PMBPROD352E Produce compounded materials

## Modification History

Release 1. Unit code changed. Application changed. Elements and Performance Criteria changed. Range of Conditions removed. Assessment Requirements changed. Supersedes and is equivalent to PMBPROD352 Produce compounded materials.

## Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- produce compounded materials at least once to meet job specifications.

## Knowledge Evidence

There must be evidence the candidate has knowledge of:

- the functions of compounding equipment and ancillary equipment
- the principles of operation of compounding equipment
- the compounding process and phases of the cycle
- types of materials and their characteristics, and the impact of variations in raw materials and equipment operation in relation to final product
- the criteria for overall process/equipment readiness for the process or equipment being used
- quality requirements at each production stage
- key variables that may affect product quality and production output, including:
  - temperature
  - speed
  - pressure
  - colour
  - mixing differences, steps and plasticity
  - cycle steps, time and timing
  - output rate
  - product weight
- typical and atypical process and product problems, including early warning signs, possible causes and corrective actions
- the distinguishing characteristics of causes of problems as being either based on the properties of materials or caused by process variables
- methods and materials for purging equipment, and their combinations and applications
- organisational procedures relevant to the work environment or job role, including procedures for the emergency shutdown of equipment

- hazards that may arise in the job or work environment and:
  - their possible causes
  - potential consequences
  - appropriate risk controls.

## **Assessment Conditions**

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

## **Links**

Companion Volume implementation guides are found in VETNet – -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=932aacef-7947-4c80-acc6-593719fe4090>