



**Australian Government**

# **Assessment Requirements for PMBPROD246E Hand mix materials**

**Release: 1**

# Assessment Requirements for PMBPROD246E Hand mix 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 PMBPROD246 Hand mix 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:

- hand mix materials at least once to meet job specifications.

## Knowledge Evidence

There must be evidence the candidate has knowledge of:

- principles of hand mixing materials
- types and applications of materials commonly mixed by hand
- types of measuring systems and devices and their applications
- the ways in which production processes and product quality are driven by the characteristics of commonly blended materials
- the criteria for pre-operational checks relating to the process or equipment being used
- techniques for safe handling of materials
- impact of incorrect or faulty materials on mixture
- production workflow sequences and materials demand
- key variables that may affect product quality and production output:
  - atmospheric conditions
  - sequencing of material additions to the mix
  - volumes or mass of materials being mixed
  - mixing time
  - amount of moisture
  - product quality
- typical process and product problems, including early warning signs, possible causes and corrective actions:
  - incorrect material composition
  - over- or under-mixing
  - faulty equipment
  - temperature variations
  - variations in materials

- variations in setting times
- organisational procedures relevant to the work environment or job role
- hazards such as contamination that may arise in the job or work environment, and:
  - their possible causes or sources
  - 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>