



**Australian Government**

**Assessment Requirements for  
PMBTECH406E Diagnose production  
equipment problems**

**Release: 1**

# Assessment Requirements for PMBTECH406E Diagnose production equipment problems

## Modification History

Release 1. Unit code. Application changed. Elements and Performance Criteria changed. Range of Conditions removed. Assessment Requirements changed. Supersedes and is equivalent to PMBTECH406 Diagnose production equipment problems.

## Performance Evidence

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

- diagnose and rectify product equipment problems at least once, to meet job specifications, including:
  - examination of products and processes to identify variances using:
    - visual examination
    - examination of product quality or other records
    - examination of inspection records
    - examination of test results
    - specific examination testing undertaken as part of a product improvement activity.

## Knowledge Evidence

There must be evidence the candidate has knowledge of:

- how the process and equipment functions
- characteristics of materials in relation to process conditions and stages of production
- types of product faults, including variations in:
  - colour
  - surface finish
  - size/shape
  - physical properties
  - chemical properties
- regimes for product and process testing
- techniques for communicating proposals to stakeholders
- typical process and product problems, including early warning signs, possible causes and corrective actions.

## 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>