



Australian Government

**Assessment Requirements for
PMBTECH402E Set advanced or complex
injection moulding dies**

Release: 1

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Modification History

Release 1. Unit code and title changed. Application changed. Elements and Performance Criteria changed. Range of Conditions removed. Assessment Requirements changed. Supersedes and is equivalent to PMBTECH402 Set advanced or complex dies.

Performance Evidence

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

- set at least one advanced or complex injection moulding die to meet operational requirements and specifications.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- types and features of advanced or complex dies, including:
 - unscrewing systems
 - external power and control sources
 - sliding blocks or cores
 - safety interlocks
- special features of tooling for injection moulding production of thin-wall takeaway containers
- special features of hot-runner multi-cavity tooling
- special features of tooling for thermoset silicone injection moulding
- special features of tooling for large products such as bread crates
- 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>

