



Australian Government

**Assessment Requirements for
PMBPREP304E Set a die for injection
moulding production**

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 PMBPREP304 Set a die.

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:

- set a die for injection moulding production at least once to meet changeover requirements.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- construction of dies and their components, including fixed and removable cores, inserts, ejection systems and vents
- methods of connecting dies to machines
- function of machine settings and appropriate ranges of settings for specific dies
- criteria used to decide whether corrosion protection is required
- injection moulding production workflow sequences
- key variables that may affect output
- typical process and product problems, including early warning signs, possible causes and corrective actions
- organisational procedures relevant to the work environment or job role
- 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>

