



Australian Government

Assessment Requirements for PMBPREP206E Prepare polymer materials to specified formulae

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 PMBPREP206 Prepare materials to formulae.

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:

- prepare polymer materials to a specified formula at least once.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- types, applications and compositions of materials being used in formulae
- types and applications of measuring equipment
- tolerances of measuring equipment, and the impact of those tolerances on production processes and quality in terms of over or under measurement
- sources of contamination, their impacts on preparation of formulae, and procedures to minimise and eradicate these
- safe handling processes for materials and equipment associated with polymer production processes and products
- typical process and product problems, including early warning signs, possible causes and corrective actions
- key variables that may affect the output result, including:
 - use of raw materials
 - contamination of raw materials
 - formulae selection
 - mixing techniques
 - work area cleanliness
 - combining techniques
 - materials variations
 - variations in quality of mixture
- 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>