



Australian Government

Assessment Requirements for PMBTECH508E Develop a new compound

Release: 1

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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 PMBTECH508 Develop a new compound.

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:

- develop formulae for at least one new or modified compound, using different components and component amounts to meet compound specifications.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- compound components that could be used to meet specifications and:
 - the properties each would bring to the compound
 - the relative advantages and disadvantages of each
 - the change in compound properties with changing amounts of each component
- impact of different mixing methods, order of addition and mixing conditions on the compound
- types and application of tests relevant to the compound
- factors that may affect product quality or production output and appropriate remedies
- 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>