



Australian Government

**Assessment Requirements for
PMBWELD306E Design polyethylene
plastic pipelines for pressurised applications**

Release: 1

Assessment Requirements for PMBWELD306E Design polyethylene plastic pipelines for pressurised applications

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 PMBWELD306 Design polyethylene plastic pressure pipelines.

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:

- design polyethylene plastic pipelines for pressurised applications at least once to meet job specifications.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- polyethylene materials and pressure pipeline components as described in national standards, sufficient to recognise suitability for specific application and to establish work instructions.
- selection requirements for polyethylene pressure pipeline components
- Australian Standards relevant to the materials being used and products being made, including requirements for:
 - handling and transport of polyethylene drainage materials
 - long-term polyethylene pipe storage
 - polyethylene pipe installation
 - service connection of non-pressure polyethylene pipelines
 - repair of non-pressure polyethylene pipelines
- key variables relating to the installation site and other factors that may affect design
- commissioning requirements and tests.

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>