



Australian Government

Assessment Requirements for CPCPCM3022 Weld polymer pipes using fusion method

Release: 2

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Modification History

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| Release 2 | This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.

Changes to Pre-requisite unit. |
| Release 1 | This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCPCM3022A Weld polyethylene and polypropylene pipes using fusion method. Updated to meet the Standards for Training Packages 2012. |

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria for this unit by:

- butt welding three joints up to DN110 (OD) for a non-pressure application
- electro-fusion welding one socket joint up to DN110 (OD) for a pressure application.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- safe operation procedures for fusion welding of polymer pipe
- effect of heat and other products on the properties of polymer pipe
- operating principles of fusion welding equipment
- characteristics and limitations of materials
- surface preparation in the welding process
- identification of welding requirements
- how to access relevant information, including codes and standards
- tools, materials and equipment used to fusion weld polymer pipes
- work health and safety (WHS) requirements for fusion welding polymer pipes.

Assessment Conditions

Assessors must satisfy the requirements for assessors listed in the Standards for Registered Training Organisations.

This unit must be assessed in the workplace or a close simulation using realistic workplace conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Links

Companion volumes to this training package are available at the VETNet website -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>