

Unit of Competency CPCPGS3055

Install gas sub-meters

Application

This unit specifies the skills and knowledge required to install gas sub-meters for gas consumer piping systems.

In some jurisdictions, this unit of competency may form part of accreditation, licensing, legislative, regulatory or certification requirements.

Prerequisite Unit

CPCPCM2043 Carry out WHS requirements

Elements and Performance Criteria

1. Identify installation requirements.	<p>1.1 Access, read and determine gas sub-meters installation requirements from job specifications, relevant Australian Standards, codes, manufacturer's specifications and jurisdictional requirements.</p> <p>1.2 Identify and apply workplace policies and procedures, work health and safety (WHS) and environmental requirements.</p> <p>1.3 Determine gas load requirements, size and select gas meter.</p> <p>1.4 Identify gas sub-meter location requirements.</p>
2. Prepare for work.	<p>2.1 Create a materials list and collect materials.</p> <p>2.2 Select appropriate tools and equipment including personal protective equipment (PPE).</p>
3. Install gas sub-meter.	<p>3.1 Install and connect sub-meter.</p> <p>3.2 Test and purge installation.</p>
4. Clean up.	<p>4.1 Clear the work area and dispose of any materials in accordance with state and territory legislation and workplace procedures.</p> <p>4.2 Clean, check for serviceability and store and secure plant, equipment and tools, reporting any damage to appropriate personnel.</p>

Foundation skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to CPCPGS3055A Install gas sub-meters.

Links

Companion Volume Implementation Guide:

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>

Assessment Requirements for CPCPGS3055 Install gas sub-meters

Performance Evidence

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

- installing, connecting and commissioning a gas sub-meter.

Knowledge Evidence

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

- how to access relevant information, including codes and standards
- tools, materials and equipment used to install gas sub-meters
- work health and safety (WHS) requirements
- properties of gas, gas safety, combustion principles, pressure and flow rates.

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

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