



Australian Government

CPCPPS5015 Inspect plumbing and drainage systems

Release: 1

CPCPPS5015 Inspect plumbing and drainage systems

Modification History

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCPPS5015B Inspect plumbing and drainage systems. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to conduct inspections of hydraulic systems for a range of residential, commercial and industrial buildings to ensure compliance with Australian and New Zealand Standards and local authority and operational performance requirements.

This unit covers requirements for competent workplace performance in a consultancy or supervisory capacity in relation to plumbing services and hydraulics on a new or existing site.

Inspections of hydraulic systems must comply with Australian and New Zealand Standards and local authority and operational performance requirements.

Pre-requisite Unit

Nil.

Unit Sector

Plumbing and Fire Services

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

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| 1 Specify local authority inspection requirements. | 1.1 | Specify local authority inspection requirements for hydraulic systems according to legislation and standards. |
| | 1.2 | Identify and specify approved materials for different applications. |
| | 1.3 | Specify installation requirements complying with manufacturer manuals and regulatory requirements. |

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| 2 | Develop inspection procedures. | 2.1 | Develop and document administrative procedures for inspection projects. |
| | | 2.2 | Develop inspection checklists. |
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| 3 | Conduct inspections. | 3.1 | Establish effective communication channels with relevant site personnel and stakeholders. |
| | | 3.2 | Plan and detail inspection routes and schedules. |
| | | 3.3 | Identify and apply work health and safety (WHS) guidelines and sustainability principles to inspections and wear appropriate personal protective equipment (PPE). |
| | | 3.4 | Conduct inspection to assess compliance with regulatory requirements and professional workmanship standards. |
| | | 3.5 | Hand sketch onsite as-constructed plans and take measurements. |
| | | 3.6 | Use dispute resolution techniques as required when non-compliance is identified. |
| | | 3.7 | Implement testing procedures. |
| | | 3.8 | Accurately record inspection and testing results. |
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| 4 | Prepare reports. | 4.1 | Prepare inspection reports using onsite records, including as-constructed plans. |
| | | 4.2 | Report and detail identified recommendations. |
| | | 4.3 | Produce rectification schedules. |
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| 5 | Enforce compliance. | 5.1 | Detail breaches of relevant regulation or standards. |
| | | 5.2 | Issue infringement notices and implement relevant follow-up procedures. |
| | | 5.3 | Implement enforcement action issuing infringement notices in cases of non-compliance. |

- 6 Maintain records.
 - 6.1 Maintain inspection diary.
 - 6.2 Process inspection records according to established administrative procedures.

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 CPCPPS5015B Inspect plumbing and drainage systems.

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>