
Overview

This standard is about the processes for monitoring and commissioning of the engineering installation by confirming that the systems meet specifications and comply with guidelines. It is also about using information systems to record the results of commissioning

This standard is for people working in the occupational area of site inspection and can be used by technicians, supervisors and managers

Monitor the installation and commissioning of engineering systems

Performance criteria

You must be able to:

- P1 verify the relevant methods and **procedures** for **commissioning** the **engineering systems**
- P2 verify that **conditions** are suitable to implement the **commissioning** and that the necessary resources are available
- P3 verify that the **commissioning** is implemented correctly
- P4 identify any problems with the **commissioning** and refer them to relevant **stakeholders**
- P5 verify that the **engineering systems** meet **specifications** and comply with all relevant regulations and guidelines
- P6 record the results of the **commissioning** as appropriate and issue to **stakeholders**

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Knowledge and understanding

You need to know and understand:

- K1 how to verify that the **engineering systems** meet **specifications** and comply with all relevant **regulations and guidelines** (application)
- K2 what to identify as any problems with the **commissioning** (understanding)
- K3 how to verify the relevant methods and **procedures** for **commissioning** the **engineering systems** (application)
- K4 how to verify that **conditions** are suitable to implement the **commissioning** and that the necessary resources are available (application)
- K5 how to verify that the **commissioning** is implemented correctly (application)
- K6 how to refer any problems with the **commissioning** to relevant **stakeholders** (application)
- K7 how to record the results of the **commissioning** as appropriate and issue to **stakeholders** (application)

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Scope/range**1 Procedures, specifications, regulations and guidelines:**

- 1.1 witness test
- 1.2 inspections
- 1.3 obtain certificates
- 1.4 provision of operation manuals

2 Engineering systems:

- 2.1 components
- 2.2 equipment
- 2.3 products
- 2.4 services

3 Commissioning:

- 3.1 tests trials
- 3.2 configuration
- 3.3 hand-over

4 Conditions:

- 4.1 authorisation
- 4.2 availability of resources
- 4.3 preparation of products
- 4.4 preparation of site
- 4.5 health and safety
- 4.6 environmental
- 4.7 permits

5 Stakeholders:

- 5.1 clients
- 5.2 users
- 5.3 consultants
- 5.4 contractors
- 5.5 regulating authorities
- 5.6 manufacturers

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