COSVR758

Manage the installation, maintenance, monitoring and removal of temporary works

Overview

This standard is about managing the installation, maintenance, monitoring and removal of temporary works, that are consistent with site requirements, and adopting safe, healthy and environmentally responsible work practices in accordance with current organisational requirements which are equal to or exceed current statutory and legislative requirements.

This standard is for people working in the occupational area of construction site management and can be used by operatives, supervisors and managers.
Performance criteria

You must be able to:

P1  interpret and confirm the relevance of the following information in relation to the supervision of installing, maintaining and removing temporary works:

1.1  drawings
1.2  design brief
1.3  check certificates
1.4  hold points
1.5  permits to work
1.6  risk classification
1.7  implementation plan
1.8  inspection and test plan
1.9  specifications
1.10  schedules
1.11  method statements
1.12  risk assessments
1.13  manufacturers' information

P2  observe current legislation and official guidance to the work environment to ensure protection and safety of the workforce, the general public, visitors, and the environment by application of information relating to at least six of the following:

2.1  methods of work
2.2  risk assessment
2.3  safe use and storage of tools
2.4  safe use of access equipment
2.5  traffic management
2.6  emergency plans
2.7  fire safety/ hot works
2.8  lifting plans
2.9  environmental factors
P3 identify, assess and maintain the following resources for temporary works
   3.1 people
   3.2 plant, equipment or machinery
   3.3 materials and components
   3.4 sub-contractors
   3.5 information
   3.6 work and facilities
   3.7 waste management
   3.8 utilities (power, water, lighting)

P4 confirm that all materials, equipment and tooling is correct prior to installation

P5 manage the installation of the temporary works in accordance with the programme of works to meet the needs of organisational and other stakeholder procedures

P6 keep accurate records of work progress checks, faults, problems, corrective actions, quantities involved and maintain safe working methods and practices

P7 handover the temporary works in accordance with organisational procedures

P8 manage the removal of the temporary works in accordance with the programme of works to meet the needs of organisational and other stakeholder requirements
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Knowledge and understanding

You need to know and understand:

**Performance Criteria 1**

**Interpretation of information**

K1 how to interpret the given design information relating to the work and resources to confirm its accuracy, completeness and relevance to the building type and construction and record and report issues in relation to the following:

K1.1 drawings
K1.2 design brief
K1.3 check certificates
K1.4 hold points
K1.5 permit to work
K1.6 risk classification
K1.7 implementation plan
K1.8 inspection and test plan
K1.9 specifications
K1.10 schedules
K1.11 method statements
K1.12 risk assessments
K1.13 manufacturers’ information

K2 the characteristics, uses and limitations of temporary works including but not limited to:

K2.1 pedestrian and vehicular access
K2.2 earthworks: trenches, excavations, temporary slopes and stockpiles
K2.3 structures: formwork, falsework, propping, façade retention, needling, shoring, edge protection, scaffolding, temporary bridges, site hoarding and signage, site fencing and cofferdams
K2.4 equipment and plant foundations: tower crane bases, supports, anchors and ties for construction hoists and mast climbing work platforms, piling platforms and groundworks to provide suitable locations for plant and lifting equipment erection
K2.5 dewatering
K2.6 non-permanent vehicle restraint systems
K2.7 traffic management
K3 how to identify the correct sequence of work for installation, maintenance and removal of temporary works

K4 how to implement the organisational requirements, to report inappropriate; design briefs, design check certification, drawings, specifications, schedules, method statements, risk assessments, electronic data, written and verbal instructions, permits, manufacturers' information, official guidance associated with installation, maintenance, monitoring and removal of temporary works

K5 the organisational requirements to solve problems with the information

K6 why it is important to follow the organisational requirements

Performance Criteria 2
Observe legislation and guidelines
K7 how to comply with relevant, current legislation and official guidance and how it is applied to install and maintain safe, healthy and environmentally responsible work practices including:

K7.1 communicate and coordinate with the responsible person
K7.2 methods of work
K7.3 safe use of health and safety control equipment
K7.4 safe use of access equipment
K7.5 safe use, storage and handling of materials, tools and equipment
K7.6 specific risks to health

K8 why communication and coordination with the responsible person as denoted by industry standards is required

K9 the organisational requirements for the security of temporary works

K10 why it is important to follow the correct sequence of work when installing and removing temporary works installations
Performance Criteria 3
Identify, assess, maintain and record the acquisition of resources

K11 how to identify, assess and record the acquisition of the following resources:
K11.1 people
K11.2 plant, equipment or machinery
K11.3 materials and components
K11.4 sub-contractors
K11.5 information
K11.6 work and facilities
K11.7 waste management
K11.8 utilities (power, water, lighting)

K12 how to assess the quality of the resources

K13 how to maintain the resources for work activities

K14 how any problems and defects associated with the resources are reported

K15 hazards associated with the temporary works materials, supports, components, fittings and fixings, hand tools, portable power tools and equipment and methods of installation

K16 project and organisational requirements to obtain a permit to load from the relevant responsible person as denoted by industry standards

Performance Criteria 4
Confirm that all materials, equipment and tooling is correct

K17 how to implement organisational procedures, to report inappropriate; materials, machinery and equipment associated with the installation, maintenance, monitoring and removal of temporary works

K18 why reporting inappropriate materials, machinery and equipment associated with installation, maintenance, monitoring and removal of temporary works is required
Performance Criteria 5
Maintain and monitor work progress reports
K19 how to keep and maintain accurate records of work progress by managing checks of the temporary works
K20 why accurate records, to maintain and monitor work progress are needed
K21 how to communicate and suggest corrective actions and changes to the programme

Performance Criteria 6
Installation of Temporary Works
K22 how the installation of the works in accordance with the programme and schedule is to be carried out to meet the needs of the organisation and other stakeholders
K23 the hazards associated with temporary works materials, supports, components, fittings, fixings and tooling in relation to the installation of temporary works
K24 why deadlines should be kept in the installation and removal of temporary works structures

Performance Criteria 7
Handover the works
K25 why handover of temporary works to the responsible person, as denoted by organisational procedures, is required
K26 how to identify and confirm the responsible person for temporary works
K27 how to obtain certificates of sign-off works from the responsible person
Performance Criteria 8
Removal of temporary works

K28  how the removal of the works in accordance with the programme and schedule is to be carried out to meet the needs of the organisation and other stakeholders

K29  the hazards associated with temporary works materials, supports, components, fittings, fixings and tooling in relation to the removal of temporary works

K30  the project and organisational procedures to obtain permission from the responsible person to remove the temporary works

K31  how to comply with organisational procedures to manage the removal of temporary works
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