
Overview

This standard is about

- 1 assessing and evaluating information
- 2 identifying safe and healthy work methods
- 3 identifying how materials and resources will be used
- 4 preparing, producing and agreeing method statements and/or risk assessments

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Evaluate and select work methods

Performance criteria

- You must be able to:*
- P1 assess and evaluate project data in order to identify work methods
 - P2 obtain additional information from other sources in cases where the available project data is insufficient
 - P3 identify work methods which will make the best use of resources and materials and which meet project and current legislation requirements
 - P4 evaluate identified work methods against technical, environmental and project criteria and select the best one
 - P5 ensure method statements are accurate, clear and concise and acceptable to all the people involved
 - P6 recommend and promote the selected work method

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Knowledge and understanding

You need to know and understand:

Performance Criteria 1

Assess and evaluate data

- K1 how to assess and evaluate available **project data**
- K2 how to identify construction work methods from the assessment and evaluation of **project data**
- K3 why you need to assess and evaluate available **project data**

Performance Criteria 2

Obtain additional information

- K4 how to obtain additional information from **other sources** in cases where the available **project data** is insufficient

You need to know and understand:

Performance Criteria 3

Identify work methods

- K5 how to identify **work methods** from possible **information sources** which will make the best use of resources and materials
- K6 how to identify **work methods** which meet the project and the requirements of current legislation

You need to know and understand:

Performance Criteria 4

Evaluate and select work methods

- K7 how to evaluate identified **work methods** against relevant **technical, environmental and project criteria** to select the best method

You need to know and understand:

Performance Criteria 5

Confirm method statements

- K8 how to ensure the method statement and/or risk assessments derived from the selected **work methods** are accurate, clear and concise
- K9 how to ensure the method statement and/or risk assessments are acceptable to all the **people responsible**
- K10 why you need to ensure the selected **work methods**, method statement and/or risk assessments are acceptable to all the **people responsible**

You need to know and understand:

Performance Criteria 6

Recommend work methods

- K11 how to recommend **work methods** to the **people responsible**
- K12 how to promote the selected **work methods** to the **people responsible**

You need to know and understand:

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Additional Information

Scope/range related to performance criteria

Performance Criteria 1

- 1 records showing assessment and evaluation of at least five of the following types of project data
 - 1.1 conditions of contract
 - 1.2 bills of quantities or methods of measurement
 - 1.3 specifications
 - 1.4 drawings
 - 1.5 health, safety and environmental plans
 - 1.6 programmes and schedules
 - 1.7 organisational requirements
 - 1.8 instructions and variations
 - 1.9 information on materials
 - 1.10 survey reports
 - 1.11 design data
 - 1.12 statutory consents
 - 1.13 sub-contractor arrangements and attendance
 - 1.14 method statements and/or risk assessments
 - 1.15 safe systems of work

Performance Criteria 2

- 2 records of consultation with at least two of the following other sources
 - 2.1 the client, customer or their representative
 - 2.2 contractors
 - 2.3 sub-contractors
 - 2.4 suppliers
 - 2.5 regulatory authorities
 - 2.6 technical and trade literature
 - 2.7 those affected by the project

Performance Criteria 4

- 3 records of identified work methods from at least two of the following information sources
 - 3.1 current legislation, codes of practice and official guidance
 - 3.2 investigative research
 - 3.3 organisational procedures
 - 3.4 technical and trade literature

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Performance Criteria 4

- 4 records of evaluation showing consideration of at least six of the following technical, environmental or project criteria
 - 4.1 materials performance and availability
 - 4.2 health and safety
 - 4.3 fire protection
 - 4.4 access
 - 4.5 plant, equipment or machinery performance and availability
 - 4.6 traffic management
 - 4.7 environmental issues
 - 4.8 cost benefit
 - 4.9 current legislation, codes of practice and official guidance
 - 4.10 customer and user needs
 - 4.11 contract requirements in terms of time and quantity
 - 4.12 waste management
 - 4.13 sustainability
- 5 records of the work method(s) selected

Performance Criteria 5

- 6 records of method statements and/or risk assessments checked and agreed

Performance Criteria 6

- 7 records of presentation of the selected work method to, and acceptance by, at least two of the following people responsible
 - 7.1 the client, customer or their representative
 - 7.2 contractors
 - 7.3 consultants
 - 7.4 sub-contractors
 - 7.5 suppliers
 - 7.6 workforce
 - 7.7 internal management

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Scope/range related to knowledge and understanding

Information sources

- 1 current legislation, codes of practice and official guidance
- 2 investigative research
- 3 organisational procedures
- 4 technical and trade literature

Other sources

- 5 the client, customer or their representative
- 6 contractors
- 7 sub-contractors
- 8 suppliers
- 9 regulatory authorities
- 10 technical and trade literature
- 11 people affected by the project

People responsible

- 12 client, customer or their representative
- 13 contractors
- 14 consultants
- 15 sub-contractors
- 16 suppliers
- 17 workforce
- 18 internal management

Project data

- 19 conditions of contract
- 20 bills of quantities or methods of measurement
- 21 specifications
- 22 drawings
- 23 health, safety and environmental plans
- 24 organisational requirements
- 25 instructions and variations
- 26 materials
- 27 programmes and schedules
- 28 survey reports
- 29 design data
- 30 statutory consents
- 31 sub-contractor arrangements and attendance
- 32 method statement and/or risk assessments
- 33 safe systems of work

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Technical, environmental and project criteria

- 34 materials performance and availability
- 35 health and safety
- 36 fire protection
- 37 access
- 38 plant, equipment or machinery performance and availability
- 39 traffic management
- 40 environmental issues
- 41 cost benefits
- 42 current legislation, codes of practice and official guidance
- 43 customer and user needs
- 44 contract requirements in terms of time and quantity
- 45 waste management
- 46 sustainability

Work methods

- 47 sequencing and integration
- 48 organisation of resources
- 49 techniques
- 50 use of temporary works
- 51 prefabrication
- 52 preparatory systems
- 53 adoption of new materials
- 54 application of new skills

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