

<b>Level:</b>	7
<b>Value for TQT:</b>	100
<b>Learning outcomes</b> <i>The learner will be able to:</i>	<b>Assessment criteria</b> <i>The learner can:</i>
1 Evaluate project or operational data in order to identify work methods.	1.1 Examine at least five of the following project data sources or operational data in order to identify required work methods: <ul style="list-style-type: none"> <li>– conditions of contract</li> <li>– bills of quantities or methods of measurement</li> <li>– specifications and/or schedules of work</li> <li>– drawings</li> <li>– health, safety and environmental plans</li> <li>– organisational requirements</li> <li>– instructions and variations</li> <li>– information on materials</li> <li>– programmes</li> <li>– survey reports</li> <li>– design data</li> <li>– statutory consents</li> <li>– sub-contractor arrangements and attendance</li> <li>– method statements and/or risk assessments</li> <li>– safe systems of work.</li> </ul>
	1.2 Explain different methods and techniques that allows the evaluation of available project or operational data.
	1.3 Explain how to identify construction work methods from the evaluation of project data.
	1.4 Give reasons why it is important to evaluate available project data and explain possible project consequences should this not be undertaken correctly.
2 Obtain additional information from other sources in cases where the available project data is insufficient.	2.1 Carry out consultations with and/or examine at least two of the following other sources where the available project data is insufficient: <ul style="list-style-type: none"> <li>– stakeholders</li> <li>– regulatory authorities</li> <li>– technical and trade guidance</li> </ul>
	2.2 Explain how additional information from other sources can be obtained in cases where available project data is insufficient.

<b>Learning outcomes</b> <i>The learner will be able to:</i>	<b>Assessment criteria</b> <i>The learner can:</i>
<p>3 Identify work methods which will make the best use of resources and materials and meets project and current organisational requirements.</p>	<p>3.1 Establish and record a range of work methods which will make best use of resources and materials which meet project and current organisational requirements from at least two of the following information sources:</p> <ul style="list-style-type: none"> <li>- current organisational requirements, Codes of Practice and official guidance</li> <li>- investigative research</li> <li>- technical and trade guidance.</li> <li>- building regulations and/or standards</li> <li>- surveys and reports</li> </ul>
	<p>3.2 Explain different ways that allow comprehensive identification of work methods from possible information sources and will make the best use of resources and materials for projects.</p>
	<p>3.3 Explain how to identify work methods from evaluating organisational requirements, including but not limited to: investigative research, technical and trade guidance, codes of practice and official guidance which will make the best use of resources and materials in relation to:</p> <ul style="list-style-type: none"> <li>- sequencing and integration</li> <li>- organisation of resources</li> <li>- techniques</li> <li>- use of temporary works</li> <li>- modern methods of construction</li> <li>- preparatory systems</li> <li>- adoption of new materials</li> <li>- application of new skills.</li> </ul>

<b>Learning outcomes</b> <i>The learner will be able to:</i>	<b>Assessment criteria</b> <i>The learner can:</i>
4 Evaluate identified work methods against technical, environmental and project criteria and select appropriate methods.	4.1 Examine and record identified work methods using at least six of the following technical, environmental and project criteria and select the most suitable: <ul style="list-style-type: none"> <li>– materials performance and availability</li> <li>– health, safety, welfare and wellbeing</li> <li>– fire safety</li> <li>– access</li> <li>– plant, equipment or machinery performance and availability</li> <li>– resources</li> <li>– traffic management</li> <li>– environmental issues</li> <li>– cost benefits</li> <li>– current organisational requirements, Codes of Practice and official guidance</li> <li>– stakeholder needs</li> <li>– contract requirements in terms of time and quantity</li> <li>– waste management</li> <li>– sustainability.</li> </ul>
	4.2 Determine work methods for a range of projects, and activities that will meet programme requirements.
	4.3 Explain different ways and techniques of evaluating identified work methods against relevant technical, environmental and project criteria to select the best or appropriate method.

<b>Learning outcomes</b> <i>The learner will be able to:</i>	<b>Assessment criteria</b> <i>The learner can:</i>
5 Ensure method statements and risk assessments are current, accurate, agreed and acceptable to all stakeholders.	5.1 Produce method statements and risk assessments for a range of projects, activities or operations where required.
	5.2 Confirm that method statements and risk assessments are current, accurate, agreed and acceptable to all stakeholders.
	5.3 Explain suitable methods that ensure method statements and risk assessments derived from the selected work methods are current, accurate, clear and concise.
	5.4 Explain possible procedures that ensure that method statements and risk assessments are acceptable to all stakeholders.
	5.5 Give reasons for the need to ensure that selected work methods, method statements and risk assessments are acceptable to all stakeholders.
6 Recommend and promote the selected work method for the project.	6.1 Present the chosen work method to at least two of the following stakeholders and record the outcomes: <ul style="list-style-type: none"> <li>– the client, customer or their representative</li> <li>– contractors</li> <li>– consultants</li> <li>– designers</li> <li>– sub-contractors</li> <li>– suppliers</li> <li>– workforce</li> <li>– internal management.</li> </ul>
	6.2 Explain the different ways and techniques of recommending work methods to stakeholders.
	6.3 Explain the potential risks of works impacting on the cultural significance of the historic environment.
	6.4 Explain the specific requirements for buildings and structures of traditional (pre 1919) construction or of architectural, historical or archaeological significance.

<b>Additional information about this unit</b>	
Assessment Guidance	<p>This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Subject Sector Area	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	30
Assessment Hours	10