

732 Identifying, allocating and planning the deployment and use of plant, equipment or machinery in the workplace

Level:	6
Value for TQT:	90
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
1 Ensure that the specification of the selected plant, equipment or machinery meets the needs of the project before deployment.	1.1 Review and record the specifications for plant, equipment or machinery and evaluate against project requirements.
	1.2 Describe ways of ensuring that the specifications for the following plant, equipment or machinery meet the needs of the project before deployment: <ul style="list-style-type: none"> – static – mobile – accessories – consumables – health and safety equipment – specialised hand tools – standard plant, equipment or machinery – non-standard plant, equipment or machinery
	1.3 Explain why it is important that the plant specification meets the needs of the project.
2 Confirm that the plant, equipment or machinery to be deployed complies with current legislation and will be set up, operated and maintained by competent people.	2.1 Devise and implement a system to ensure pre-use checks, inspections, thorough examinations and tests have been conducted on plant, equipment or machinery and ensure records are kept.
	2.2 Explain how to ensure that plant, equipment or machinery complies with current legislation and why.
	2.3 Carry out and record checks on the competence of people who will set up, operate and maintain plant, equipment or machinery.
	2.4 Explain the methods of checking competence of those setting up, operating and maintaining plant, equipment or machinery.
	2.5 Give reasons as to why it is important to ensure compliance and competence of those setting up, operating and maintaining plant, equipment or machinery through adequate checks.

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Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
<p>3 Implement a system to update the deployment and allocation of plant, equipment or machinery, and operators, as the project progresses, or changes occur.</p>	<p>3.1 Implement and use a system that updates the deployment, allocation and use of plant, equipment or machinery and operators as the project progresses or changes occur.</p>
	<p>3.2 Explain the various methods of implementing an effective system that can update the deployment and allocation of plant, equipment or machinery as the project progresses and changes occur.</p>
	<p>3.3 Explain why a system for updating the deployment and allocation of plant, equipment or machinery is required.</p>
	<p>3.4 Make recommendations on the use of alternative types of plant, equipment or machinery to decision makers.</p>
	<p>3.5 Explain ways of recommending alternative plant, equipment or machinery to decision makers.</p>
<p>4 Identify hazards, assess and mitigate risks arising from the use of plant, equipment or machinery and implement measures that protect people and the environment.</p>	<p>4.1 Evaluate risks arising from hazards and apply measures in order to protect the workforce, sub-contractors, suppliers, consultants, occupants, visitors, the general public and the environment relating to at least three of the following:</p> <ul style="list-style-type: none"> – methods of work – risk assessment – safe use and storage of tools – safe use and storage of materials – traffic management.
	<p>4.2 Explain the various methods of identifying hazards and assessing risks arising from the use of plant, equipment or machinery.</p>
	<p>4.3 Explain how to mitigate risks by implementing measures that protect the workforce, sub-contractors, suppliers, consultants, occupants, visitors, the general public and the environment by the application of the following information:</p> <ul style="list-style-type: none"> – methods of work – risk assessment – safe use and storage of tools – safe use and storage of materials – traffic management.

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Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
<p>5 Ensure that plant, equipment or machinery operations are planned, appropriately supervised and conducted in accordance with current legislation.</p>	<p>5.1 Analyse the following to ensure that plant, equipment or machinery operations are planned, appropriately supervised and conducted in accordance with current legislation:</p> <ul style="list-style-type: none"> – safe systems of work written or approved for plant, equipment or machinery operations – roles and responsibilities allocated to plant, equipment or machinery supervisors, operators and users – information passed to operators, users and supervisors
	<p>5.2 Describe various methods of writing or approving safe systems of work for the use of plant, equipment or machinery.</p>
	<p>5.3 Explain how best to inform relevant persons about the use of plant, equipment or machinery in relation to organisational requirements.</p>
	<p>5.4 Explain how to ensure that plant, equipment or machinery operations are supervised and conducted in accordance with current legislation and organisational requirements.</p>
	<p>5.5 Explain how to maintain effective records for the competence of supervisors, operators and users.</p>
<p>6 Ensure the suitable storage, servicing and maintenance of plant, equipment or machinery has been arranged to meet organisational requirements.</p>	<p>6.1 Analyse the following to ensure that the suitable storage, servicing and maintenance of plant, equipment or machinery has been arranged and meets organisational requirements:</p> <ul style="list-style-type: none"> – arrangements for the storage of plant, equipment or machinery – checks made for the serviceability and maintenance of plant, equipment or machinery as appropriate to organisational requirements.
	<p>6.2 Explain how to confirm that plant, equipment or machinery is stored, serviced, maintained, examined and inspected in accordance with organisational requirements.</p>
	<p>6.3 Explain why is important to ensure that, plant, equipment or machinery is stored, serviced, maintained, examined and inspected in accordance with organisational requirements.</p>

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Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
<p>7 Identify and record the competency requirements for supervisors, operators and users of plant, equipment or machinery.</p>	<p>7.1 Identify and record the competency requirements for supervisors, operators and users of plant, equipment or machinery that will or could support the project or future projects in relation to organisational requirements.</p>
	<p>7.2 Explain the various methods of identifying competence requirements for plant, equipment or machinery supervisors, operators and users according to organisational requirements.</p>
	<p>7.3 Explain how to compare identified competency needs with the needs of the project and future projects.</p>
	<p>7.4 Explain how to determine if a person meets the competency requirements of their project role.</p>
	<p>7.5 Explain how to arrange development for supervisors, operators and users of plant, equipment or machinery according to organisational requirements.</p>
<p>8 Promote and record opportunities to suggest improvements in plant operations.</p>	<p>8.1 Promote and record opportunities to at least four of the following in order to suggest improvements:</p> <ul style="list-style-type: none"> – supervisors – operators – users – the workforce – members of the public – stakeholders – clients and other duty holders – visitors – supply chain.
	<p>8.2 Explain how to promote and record opportunities to suggest improvements in plant operations.</p>
	<p>8.3 Explain why it is important to promote and record opportunities to suggest improvements in plant operations.</p>
<p>9 Ensure that plant, equipment or machinery which is no longer needed is returned or removed and records are maintained.</p>	<p>9.1 Make arrangements to allow plant, equipment or machinery to be removed or returned and keep records.</p>
	<p>9.2 Describe how to return or remove plant, equipment or machinery which is no longer needed.</p>
	<p>9.3 Give reasons why it is important that plant, equipment or machinery should be returned or removed when it is no longer needed and adequate records kept.</p>

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Additional information about this unit	
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>
Sector Subject Area	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	20
Assessment Time	10