

530 Planning and Establishing Safety, Health, Welfare and Environmental Systems for Lifting Operations in the Workplace

<b>Level:</b>	5
<b>TQT value:</b>	170
<b>Learning outcomes</b> <i>The learner will be able to:</i>	<b>Assessment criteria</b> <i>The learner can:</i>
1 Identify and recommend actions for improving the safety, health, and welfare of people affected by the lifting operation.	1.1 Identify, recommend and record ways to improve safety, health and welfare for people affected by lifting operations.
	1.2 Explain how to identify ways to improve safety, health and welfare for people on site.
	1.3 Describe how to identify potential actions for improvement of safety, health and welfare systems in relation to the following: <ul style="list-style-type: none"> <li>- workforce</li> <li>- lifting team</li> <li>- customer</li> <li>- other personnel on site</li> <li>- members of the public</li> <li>- occupiers of buildings</li> <li>- site visitors</li> <li>- people affected by on-site operations</li> </ul>
2 Promote a culture of safety, health, welfare and environmental awareness.	2.1 Implement systems to keep records of initiatives taken that promote a culture of safety, health, welfare and environmental awareness during the lifting operation.
	2.2 Explain ways that the culture of safety, health, welfare and environmental awareness can be promoted on site.
3 Establish procedures that ensure lifting team responsibilities and competencies are fully applied to the lifting operation.	3.1 Allocate and record the required safety, health and welfare responsibilities to the relevant lifting team members.
	3.2 Plan and record site inductions and activity briefings prior to the start of lifting operations.
	3.3 Explain why the workforce and visitors need to have site inductions and activity briefings

	<p>3.4 Describe how to ensure site inductions are conducted in relation to:</p> <ul style="list-style-type: none"><li>- health and safety responsibilities</li><li>- welfare facilities</li><li>- environmental responsibilities</li><li>- safety, health, welfare and environmental protection equipment and resources</li><li>- risk control procedures</li><li>- first aid arrangements</li><li>- health, safety and environmental plans</li><li>- emergency procedures</li></ul>
	<p>3.5 Explain how to identify and specify the competence of the following lifting team members:</p> <ul style="list-style-type: none"><li>- appointed persons and lift planners</li><li>- lifting operations supervisor</li><li>- slinger signallers</li><li>- crane or lifting equipment operators</li><li>- ancillary workers</li><li>- other occupations associated with the lifting activity</li></ul>

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<b>Learning outcomes</b> <i>The learner will be able to:</i>	<b>Assessment criteria</b> <i>The learner can:</i>
<p>4 Ensure the safety, health, welfare and environmental protection equipment and resources comply with current legislation.</p>	<p>4.1 Demonstrate how the following complies with current legislation by producing records for the identification of the following safety, health, welfare and environmental protection equipment or resources:</p> <ul style="list-style-type: none"> <li>– protective clothing</li> <li>– protective equipment</li> <li>– first aid facilities and arrangements</li> <li>– welfare facilities</li> <li>– storage and security of materials and equipment</li> <li>– accident and incident reporting system</li> <li>– fire-fighting equipment</li> <li>– provision of health, safety and welfare training</li> <li>– environmental protection arrangements</li> </ul>
	<p>4.2 Describe what the lifting activity specific safety, health, welfare and environmental legislation to meet the project, organisational and statutory requirements.</p>
	<p>4.3 Describe how to identify the recognised industry guidance, codes of practice and organisational procedures in relation to:</p> <ul style="list-style-type: none"> <li>– protective clothing</li> <li>– protective equipment</li> <li>– first aid facilities and arrangements</li> <li>– welfare facilities</li> <li>– storage and security of materials and equipment</li> <li>– environmental protection arrangements</li> </ul>
<p>5 Establish and implement risk assessments and method statements and lessons learned to prevent recurrence.</p>	<p>5.1 Implement systems that identify hazards, reduce risks, report incidents or near misses which meet organisational and statutory requirements.</p>
	<p>5.2 Analyse causes and lessons learned to prevent recurrence</p>
	<p>5.3 Describe how to establish and implement systems which meet organisational and statutory requirements for identifying hazards, reducing risks, reporting incidents and near misses with lessons learned to prevent recurrence in relation to the following:</p> <ul style="list-style-type: none"> <li>– lifting activity specific safety, health, welfare and environmental legislation</li> <li>– recognised industry codes of practice</li> <li>– organisational procedures</li> </ul>

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<b>Learning outcomes</b> <i>The learner will be able to:</i>	<b>Assessment criteria</b> <i>The learner can:</i>
<p>6 Review safety, health, welfare and environmental protection systems on completed lifting activities in accordance with organisational and statutory requirements.</p>	<p>6.1 Implement systems that ensures reviews are carried out on a range of completed lifting activities in relation to:</p> <ul style="list-style-type: none"> <li>- freely suspended loads</li> <li>- above ground operations</li> <li>- below ground operations</li> <li>- lifting of persons</li> <li>- dismantling operations</li> <li>- excess-height lifts</li> <li>- multiple lifting</li> <li>- pick-and-carry</li> <li>- where the operator does not have clear sight of the load</li> <li>- loading and unloading</li> </ul>
	<p>6.2 Identify safety, health, welfare and environmental issues against organisational and statutory requirements on previous completed lifting operations.</p>
	<p>6.3 Explain how the results of reviews of previous lifting operations can influence the planning of future operations.</p>
<p>7 Assess the significance of environmental factors as they affect the lifting operation and take appropriate action.</p>	<p>7.1 Identify and consider the following environmental factors when planning a range of lifting activities, taking appropriate action where required:</p> <ul style="list-style-type: none"> <li>- ecological</li> <li>- nature conservation</li> <li>- noise or nuisance</li> <li>- emissions and contamination to land, air and water</li> <li>- economic and social</li> <li>- traffic and people management</li> <li>- waste management and recycling</li> <li>- weather</li> <li>- wind effects, vortices and building shielding</li> </ul>
	<p>7.2 Describe how and why you need to assess the significance of environmental factors affecting the lifting operation and how to take appropriate action in relation to the factors listed above.</p>
	<p>7.3 Explain ways to identify the significance of environmental protection requirements on the lifting operation in relation to:</p> <ul style="list-style-type: none"> <li>- legislation and regulations</li> <li>- national, regional and local Government</li> <li>- conservation councils, trusts and bodies</li> <li>- industry sustainability and good practices initiatives</li> <li>- local initiatives</li> <li>- voluntary organisations</li> </ul>

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<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>
Sector Subject Areas	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	110
Assessment hours	10