

CPCS Theory Test Answers

A61 Appointed Person

No.	Question & Answer
1	<p>Give THREE examples of how excessive rain can affect an external lifting operation when using lifting equipment.</p> <ol style="list-style-type: none"> 1. Excessive rain can cause the ground to soften reducing the crane support 2. Poor visibility 3. Cause slippery conditions and reduce traction
2	<p>Explain the difference between an employing and user organisation.</p> <p>The Employing Organisation requires the load to be lifted and may simply hire a crane, they plan and manage the lift themselves, or enter into a contract with another party who becomes the User Organisation and plan and manage the lifting operation on behalf of the employing organisation.</p>
3	<p>When a crane company hires out a crane, name TWO main legal requirements the hire company must meet regarding the crane and driver.</p> <ol style="list-style-type: none"> 1. A competent trained driver 2. Correct and up-to-date certification
4	<p>Name the sections in BS 7121 where advice is given on 'Lifting without outriggers' and 'Pick and carry'.</p> <p>Sections 3,10 and 24</p>
5	<p>During dismantling operations, what factor of safety is applied to the load?</p> <p>Minimum of 20%</p>
6	<p>Define the term 'radius'.</p> <p>The radius is the horizontal distance between the points at which the centre of rotation meets the ground and the vertical centre line passing through the load lifting attachment.</p>
7	<p>State THREE occasions on which lifting equipment must be thoroughly examined.</p> <ol style="list-style-type: none"> 1. When lifting equipment is first supplied (used for the first time by the employer) 2. When certain equipment is installed (e.g. tower crane) 3. Periodically during the lifetime of the equipment 4. Following exceptional circumstances
8	<p>Name THREE factors that determine the rated working capacity of lifting equipment.</p> <ol style="list-style-type: none"> 1. Boom angle 2. Spread of outriggers 3. The radius
9	<p>How does the guidance in LOLER 1998 (L113) describe the difference between installed and positioned?</p> <p>Installed refers only to equipment which is assembled at a particular location and not to mobile lifting equipment which is positioned in a particular location to carry out lifting operations.</p>
10	<p>Where would the information relating to the additional requirements of an intermediate lift over a basic lift be sought?</p> <p>Explained in BS 7121 Part 3, 4.8.3</p>

Appointed Person Lifting A61 Answers

S Nieto



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