

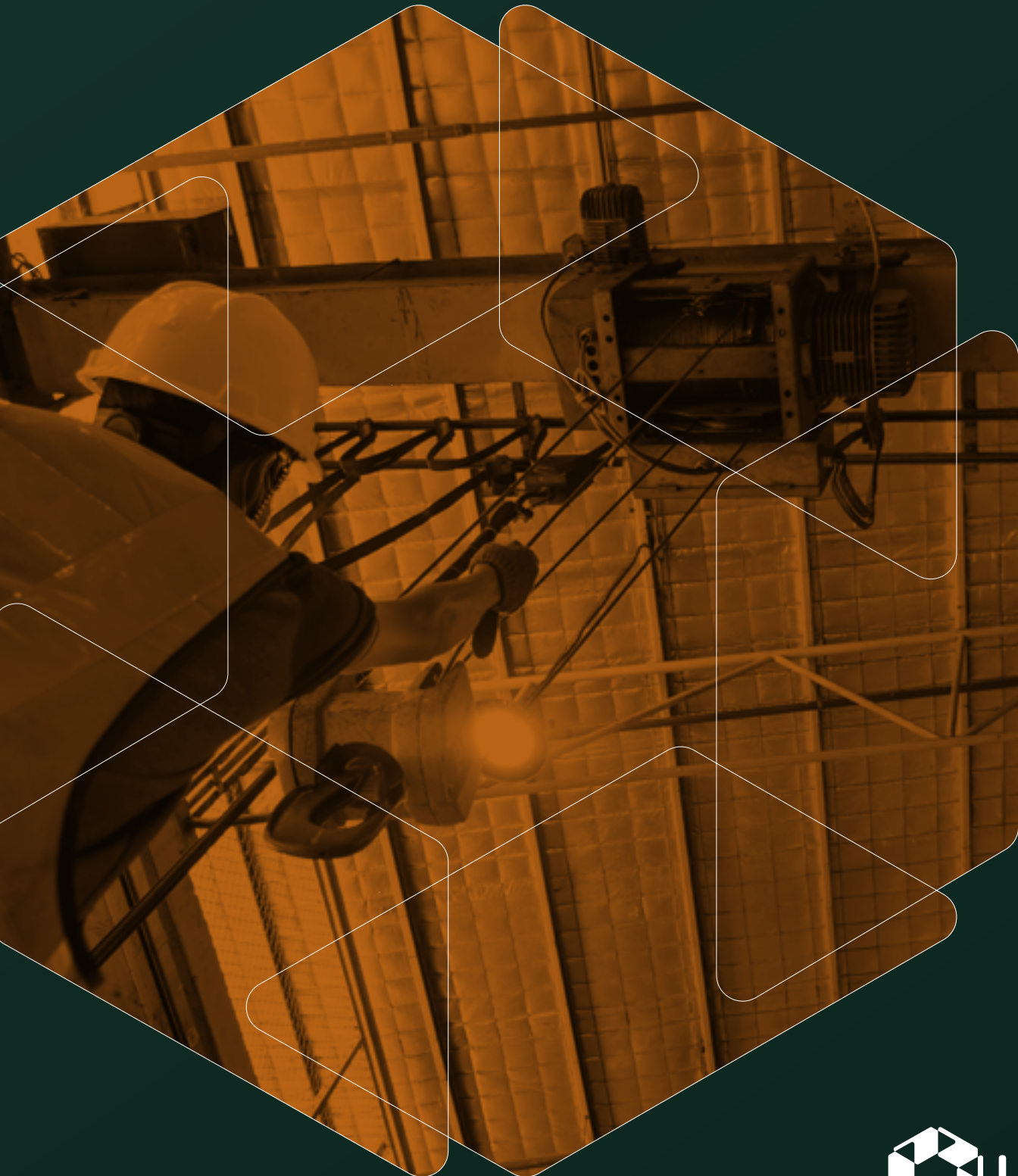
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EPA143: ST0872

LEVEL 3

Lifting Equipment  
Technician

**Grading Table**



## Grading Table

The assessor will mark each assessment using the criteria in this Grading Table document. The marks from all three assessments are then combined to reach an overall grade, as below:

Pass	Distinction	Fail
Achieve a minimum of a pass in all 3 methods	Achieves a distinction in all 2 methods which the grade exists (knowledge test and professional discussion)	Fails to gain a pass in any of the assessment methods

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## 1. Knowledge Test grading

Fail	Pass	Distinction
A score of 20 out of 30 or fewer would indicate insufficient knowledge	A score of 21-26 out of 30	A score of 27 or greater out of 30

## 2. Practical Assessment with Questioning Grading

Grading Descriptors		
Grouped Category	KSBs	Pass
Health & Safety / Housekeeping	K8, S13, S16, S17, S19, S25, B1	<p>Works in accordance with safe systems of work, including complying with relevant health, safety, and environmental legislation to ensure safety of themselves and anyone else in the working area. <b>(B1, K8, S16)</b></p> <p>Selects and uses appropriate PPE. <b>(B1, K8, S19)</b></p> <p>Demonstrates that they are taking account of risks and hazards in the workplace and putting in place control measures. <b>(K8, S16)</b></p> <p>Demonstrates safe manual handling techniques and safe use of lifting equipment in line with instructions when carrying out tasks. <b>(S17, S25)</b></p> <p>Maintains a clean, tidy, and safe working area throughout the task. <b>(S13)</b></p>
Carry out inspection. Determine action. Organise.	K11, K14, K15, K18, S1, S10, S24, B5, B9	<p>Identifies job task requirements (such as repair required, component compatibility, time required, and materials required); seeks clarification where necessary. <b>(K11)</b></p> <p>Conducts chosen inspections following instructions, guidelines, and standards. <b>(S1)</b></p> <p>Applies the pass/fail criteria for equipment and identifies common defects/failures demonstrating an understanding of causes and solutions. <b>(K15, K18, S1)</b></p> <p>Plans task to ensure completion within the timeframe, provides reasoned rationale for sequence of work followed. Identifies and organises correct resources for task at the outset. <b>(B9)</b></p> <p>Completes tasks in allocated time and in accordance with standard operating functions to industry standard and specification. <b>(B5)</b></p> <p>Performs the appropriate test to verify lifting equipment is fit for purpose (e.g. light load test, proof load, function test). <b>(K14, S24)</b></p> <p>Research information to assist in the inspection using hard copy and digital formats, e.g., referring to LOLER, manufacturers' specifications and standards before carrying out inspection. <b>(S10)</b></p>

## 2. Practical Assessment with Questioning Grading

Grading Descriptors		
Grouped Category	KSBs	Pass
Tools and equipment	S12	Identifies, selects, and uses tools and measuring devices required for the tasks in line with the manufacturers' instructions. <b>(S12)</b>
Service and repairs	S3, S4, S6, S8, S9	<p>Identifies manual machine and accessory components for repair, replacement or discard, correctly diagnosing faults and completes appropriate repair in line with the manufacturer's guidelines and industry standards. <b>(S3, S4)</b></p> <p>Completes routine servicing and maintenance on selected items of lifting equipment in accordance with manufacturer's instructions, guidelines, and industry standards. <b>(S6, S9)</b></p> <p>Measures and assesses wear tolerances and deformation in line with manufacturer's instructions/guidance and industry standards. Use this information to determine the next steps. <b>(S8)</b></p>
Reports and documentation	K16, K19, S11, S18, B8	<p>Logs work using either manual or IT systems used in the workplace and completes report of Thorough Examination according to legislative requirements with reference to who to contact regarding defects and when to notify statutory bodies <b>(K16, K19, S11, S18, B5)</b></p> <p>Communicates verbally and in writing in a way that is clear and can be understood by the audience, delivering their findings with conviction. Uses industry terminology appropriate to the occupation. <b>(S18, B8)</b></p>

### 3. Professional Discussion Grading

Pass	Distinction	Related Core Knowledge, Skill and Behaviour
<b>Health &amp; Safety</b>		
<p>Describes how they have developed a risk assessment and method statement to develop a safe system of work. <b>(S20)</b></p> <p>Explains how they took account of customer safety when carrying out a task. <b>(B1)</b></p> <p>Describes how they have identified toxic and hazardous substances and environments and applied control measures. <b>(S21)</b></p> <p>Describes how they have controlled and managed spills. <b>(S23)</b></p>	<p>Explains the implications of a poor health and safety culture and working practice. <b>(S20)</b></p> <p>Explains how they have contributed to the improvements of procedures or processes with health and safety in mind. <b>(B1)</b></p>	S20, S21, S23, B1
<b>Planning, quality and problem solving</b>		
<p>Describes how they balance the challenges of quality and efficiency showing an attention to detail. Describes how they approach problems to come to a timely solution. Describes how they have maintained focus when facing challenges. <b>(S2, B6, K17)</b></p> <p>Describes when they have stayed motivated despite challenges and changes to work instructions and how they achieved this. <b>(B10)</b></p> <p>Describes how they have applied company quality control measures. <b>(S14)</b></p>	<p>Explains how they have monitored and evaluated their plans and made adjustments to them in order to optimise their time, while maintaining safety and performance. <b>(K17, S2, B6, B10)</b></p>	K17, S2, S14, B6, B10
<b>Working with others</b>		
<p>Describes when they have identified the importance and business benefits of treating others with fairness and respect and how their actions can reflect positively on their organisation. <b>(K10)</b></p> <p>Describes how they have worked collaboratively with others and supported them, taking account of the impact of their own actions on them. Outline the impact their approach has had on the business. Describes how they respect others. <b>(B2)</b></p> <p>Describes how they have been an ambassador for their company, meeting both company and customer expectations. Wears work attire according to company requirements. <b>(B3)</b></p>	<p>Explains how their contribution to product/process/service improvement projects made a difference to the business. <b>(B2)</b></p>	K10, B2, B3

### 3. Professional Discussion Grading (cont.)

Pass	Distinction	Related Core Knowledge, Skill and Behaviour
<b>Workshop operations</b>		
<p>Describes the end-to-end process of the business with a knowledge of the documentation used across the business. <b>(K5)</b></p> <p>Describes when they have used their knowledge of lifting equipment to guide customers to make an appropriate selection of lifting equipment. <b>(K7, S15)</b></p>	<p>Describes how they have exceeded customer expectations. <b>(K7)</b></p>	<p><b>K5, K7, S15</b></p>
<b>Manufacture/Assembly</b>		
<p>Describes how they have manufactured/assembled steel wire rope sling in accordance with specification. <b>(S7)</b></p>	<p>N/A</p>	<p><b>S7</b></p>
<b>Install, Repair, Replace</b>		
<p>Describes how they apply industry working practices when working to the manufacturer's specification, including pre-use checks, storage of equipment, assembly, maintenance, and safe use of equipment. Explains how they follow the organisation's procedures when working on new and existing equipment. <b>(S5, K12)</b></p> <p>Describes when and how they have correctly installed lifting equipment in accordance with manufacturer's specifications and industry working standards. <b>(S26)</b></p> <p>Describes when they have marked lifting equipment in accordance with industrial standards. <b>(S27)</b></p>	<p>Explains how outcomes could be improved by changing working practices or organisational procedures. <b>(S5)</b></p>	<p><b>K12, S5, S26, S27</b></p>
<b>Disposal</b>		
<p>Describes how they have disposed of waste, including waste oils, cleaning fluids, batteries, and tyres. <b>(K9, S22)</b></p>	<p>Describes the impact on the environment and the business of not following company policy, industry standards and environmental regulations. <b>(S22)</b></p>	<p><b>K9, S22</b></p>

### 3. Professional Discussion Grading (cont.)

Pass	Distinction	Related Core Knowledge, Skill and Behaviour
<b>Install, Repair, Replace</b>		
<p>Describes how they apply industry working practices when working to the manufacturer's specification, including pre-use checks, storage of equipment, assembly, maintenance, and safe use of equipment. Explains how they follow the organisation's procedures when working on new and existing equipment. <b>(S5, K12)</b></p> <p>Describes when and how they have correctly installed lifting equipment in accordance with manufacturer's specifications and industry working standards. <b>(S26)</b></p> <p>Describes when they have marked lifting equipment in accordance with industrial standards. <b>(S27)</b></p>	<p>Explains how outcomes could be improved by changing working practices or organisational procedures. <b>(S5)</b></p>	<p><b>K12, S5, S26, S27</b></p>
<b>Disposal</b>		
<p>Describes how they have disposed of waste, including waste oils, cleaning fluids, batteries, and tyres. <b>(K9, S22)</b></p>	<p>Describes the impact on the environment and the business of not following company policy, industry standards and environmental regulations. <b>(S22)</b></p>	<p><b>K9, S22</b></p>
<b>Customer Service</b>		
<p>Describes when to contact customers, the tone that should be adopted, how to appropriately time and follow up communication – both verbally and in writing, and how to adjust the approach to take account of customers'/clients' needs. <b>(K6)</b></p> <p>Describes how they provided honest and accurate advice to a customer and explains what they took into account when providing this. <b>(B4)</b></p>	<p>Explains how they have managed a difficult conversation with a customer. Justifies their approach. <b>(B4)</b></p>	<p><b>K6, B4</b></p>
<b>Continuous Professional Development</b>		
<p>Describes how their feedback to others made a difference to the individual. <b>(B7)</b></p> <p>Describes the steps they have taken to aid their own professional development. <b>(B7)</b></p>	<p>N/A</p>	<p><b>B7</b></p>



## LEIA Assessment

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