

ST0251

LEVEL 2

Stairlift, Platform
Lift, Service Lift
Electromechanic

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	Merit	Distinction	Fail
Achieve a minimum of a pass in all 3 methods	Achieves a distinction in the Practical Assessment and one other assessment	Achieves a distinction in all 3 methods	Fails to gain a pass in any one of the assessment methods

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1. Knowledge Test grading

Fail	Pass	Distinction
A score of 17 out of 30 or fewer would indicate insufficient knowledge	A score of 18-23 out of 30	A score of 24 or greater out of 30

2. Practical Assessment with questions Grading

In order to achieve a Pass all of the pass criteria must be met. For a distinction all of the pass and distinction criteria must be met.

Pathway	Grouping	Pass criteria	Distinction criteria
Core	<p>Health and Safety</p> <p>K2. Industry specific safety Standards and legislation, such as working at height and electrical isolation methods in respect of one's own safety and of others.</p> <p>K3. Correct use of personal protective equipment.</p> <p>S1. Apply risk assessments and implement risk control measures.</p> <p>S2. Follow method statements in relation to specific work activities work responsibly in safety-critical environments.</p> <p>B2. Working safely and understanding the effects of their acts or omissions on others. Developing a 'safety-first' mentality.</p> <p>B12. Working to company codes of practice for safe working.</p>	<p>Demonstrates that they are following safety standards and legislation, referring to and following the risk assessment, following the correct method statement and taking measures to keep themselves and others safe.</p>	

2. Practical Assessment with questions Grading (cont.)

Pathway	Grouping	Pass criteria	Distinction criteria
Core	<p>Practical Application</p> <p>K5. The principles and operation of components making a Stairlift, Lifting Platform or Service Lift system. The use of tools and measuring instrumentation and fault-finding techniques for mechanical equipment.</p> <p>K7. The principles and operation of electrical and electronic control systems. The use of tools and measuring instrumentation and fault-finding processes for electrical/ electronic systems.</p> <p>S4. Use mechanical equipment such as torque wrenches, measuring equipment etc.</p> <p>S6. Use electrical and electronic measuring tools, to carry out fault diagnosis using a range of approved methods. Be able to wire a system as per the electrical wiring schematic.</p>	<p>Applies the correct principles and operation of Electrical, Mechanical and electronic components.</p> <p>Selects and uses the correct tools, equipment and instrumentation to diagnose a fault on mechanical, electrical and electronic components. Wires a system as per the electrical schematic drawing.</p>	<p>Explains the integration and interfacing of components.</p> <p>Justifies their choices of tools, equipment and instrumentation.</p>
Pathway 1: Stairlift installation	<p>Working to Specification</p> <p>S8. Set up stairlift systems for both curved and straight rail systems.</p>	<p>Demonstrates system set up as per manufacturer's specification.</p>	
Pathway 1: Stairlift installation	<p>Verification</p> <p>S9. Check stairlift components for correct operation, alignment, and the security of fixings. Commission and test installations, place into use.</p>	<p>Verifies all components are fitted correctly as per specification and are functioning correctly.</p> <p>Completes final test installation prior to use.</p>	<p>Work completed in order that optimises use of time, for example does not have to redo work, avoids unnecessary actions.</p>
Pathway 2: Stairlift service & repair	<p>Service and Repair</p> <p>S10. Carry out service and repair on stairlifts including, checking for correct operation and integrity, ensuring the ride quality is smooth. fixings. Commission and test installations, place into use.</p>	<p>Follows the servicing schedule and makes any required adjustments.</p> <p>Replaces components as per manufacturer's instruction.</p>	<p>Work completed in order that optimises use of time, for example does not have to redo work, avoids unnecessary actions</p>
Pathway 2: Stairlift service & repair	<p>Working to Specification</p> <p>S11. Check positioning systems are set up and that they are working to specification.</p> <p>S12. Check stairlift travel requirements. Check function and safety and return to normal use.</p>	<p>Set up system as per specification.</p>	

2. Practical Assessment with questions Grading (cont.)

Pathway	Grouping	Pass criteria	Distinction criteria
Pathway 3: Lifting Platform installation	Verification S13. Set up hydraulic and mechanical systems used on lifting platforms, and check components for correct operation. Commission and test installations, place into use.	Verifies all components are set up in accordance with manufacturer's specification and are functioning correctly. Completes final test installation prior to use.	Work completed in order that optimises use of time, for example does not have to redo work, avoids unnecessary actions.
Pathway 4: Lifting Platform service & repair	Service and Repair S14. Carry out service and repair on lifting platforms including, checking systems for correct operation and integrity.	Follows the servicing schedule and makes any required adjustments. Replaces components as per manufacturer's instruction.	Work completed in order that optimises use of time, for example does not have to redo work, avoids unnecessary actions.
Pathway 4: Lifting Platform service & repair	Verification S15. Check lifting platform positioning systems and travel requirements are set up and that they are working to specification. S17. Check function and safety and return to normal use.	Verifies all components are fitted correctly as per specification and are functioning correctly. Completes final test installation prior to use.	
Pathway 4: Lifting Platform service & repair	Practical application S16. Use tools, measuring instrumentation and fault-finding processes for hydraulic systems.	Select and use the correct tools, measuring instrumentation and fault-finding processes for hydraulic systems in accordance with manufacturers' instructions.	
Pathway 5: Service Lift installation	Verification S18. Set up hydraulic and mechanical systems used on service lifts, check components for correct operation. Commission and test installations, place into use.	Set up systems and components in accordance with manufacturer's instructions. Verifies safety components are fitted correctly and are functioning correctly. Completes final test installation prior to use.	Work completed in order that optimises use of time, for example does not have to redo work, avoids unnecessary actions.

2. Practical Assessment with questions Grading (cont.)

Pathway	Grouping	Pass criteria	Distinction criteria
Pathway 6: Service Lift service & repair	Verification S19. Carry out service and repair on service lifts including, checking systems for correct operation and integrity, ensuring the ride quality is smooth.	Carry out service and repair in accordance with manufacturers' instructions and check that they are fitted correctly and that the ride quality is smooth.	Work completed in order that optimises use of time, for example does not have to redo work, avoids unnecessary actions.
Pathway 6: Service Lift service & repair	Verification S20. Check service lift positioning systems and travel requirements are set up and that they are working to specification. Check function and safety and return to normal use.	Verifies all components are fitted correctly as per specification and are functioning correctly. Completes final test installation prior to use.	

3. Professional Interview Grading

In order to achieve a Pass all of the pass criteria must be met. For a distinction all of the pass and distinction criteria must be met.

Pathway	Grouping	Pass criteria	Distinction criteria
Core	Environment & Hazards K4. Environmental recycling/ disposal processes. B1. Hazards and consequences of their working methods and environment; not only for themselves but colleagues and members of the public B11. Eco-efficient values, respect of work place environment, others, property and their tools in the way they operate and work.	Describes the difference between hazardous waste and non-hazardous waste and explains options for correct disposal/ recycling. Explain how they identify hazards and explain the safety implications of their working methods and the environment in which they are working and the impact on themselves and others. Describes how they have taken care of their workplace/environment/ tools in an eco-efficient manner.	Explains the impact of not respecting eco-efficient values and how that reflects on the business. Explains the control measures they have put in place within their working environment.
Core	Engineering processes K8. Engineering drawings, documentation, regulations, Standards and manuals. S7ii. To read engineering drawings and documentation, regulations, standards and manuals, using them to carry out fault diagnoses, inspection and repair.	Describes the purpose of engineering drawings, documents, manuals, standards and regulations and explains how they use them.	Explains the benefits of specific standard(s) suggested by the assessor which is appropriate to products within their selected option and explains the use manuals in relation to that product.

3. Professional Interview Grading (cont.)

Pathway	Grouping	Pass criteria	Distinction criteria
Core	<p>Set up procedures</p> <p>S3. Select adjust and set up mechanical components as per product design, including safety components.</p> <p>S5. Select, set up and adjust hydraulic components as per the product design, using mechanical tools and measuring equipment.</p>	<p>Describe how they have/ would select, adjust and set up mechanical or hydraulic components and describes why they selected and adjusted that component.</p> <p>Describes the main hydraulic components and what mechanical tools and measuring equipment they would use to adjust and set up a hydraulic component specified by the Assessor.</p>	<p>Explains the importance and impact of accurate set-up and the implications of using incorrect or poor quality parts.</p>
Core	<p>Communication</p> <p>S7i. Communicate with the customer in a professional manner and schedule work efficiently; to write legible reports.</p> <p>B4. Treating others with dignity and respect.</p> <p>B5. Different viewpoints and needs, actively listening and co- operating with others creating trust and team spirit.</p> <p>B9. Communicating positively with managers, clients and members of the public and contributing to team meetings.</p> <p>B10. Encouraging two- way communication and actively listening, and seeking feedback so communication is clear and understood.</p> <p>B13. A high ethical and professional standard, treating others with respect and honesty.</p>	<p>Describes how they use a handover document and describes what they took into account when preparing it.</p> <p>Describes how they use a range of communication methods with a range of stakeholders, in a manner appropriate to the target audience using appropriate language.</p> <p>Explains how their contribution to team meetings makes a difference.</p> <p>Describes the importance of scheduling work efficiently and advises how they achieve that.</p> <p>Describes how they treat others with dignity and respect, how they encourage two way communication and the techniques they to use to develop trust.</p> <p>Explains how their professional values, including integrity and honesty improves their outcomes.</p>	<p>Explains the importance of recording information on works carried out correctly for the customer and the organisation and the consequences of not doing so.</p> <p>Justifies their approach and choice of communication methods to resolve problems or difficult situations.</p> <p>Explains how they manage conflict responsibly.</p> <p>Explains how their professional values, including integrity and honesty improves business outcomes.</p>

3. Professional Interview Grading (cont.)

Pathway	Grouping	Pass criteria	Distinction criteria
Core	Professional boundaries B3. When to seek advice and guidance if a problem is beyond their scope of knowledge and competence. B7. Making independent decisions concerning their work practices.	Describes how they know when to make an independent decision and when to seek guidance when the situation is beyond their scope of knowledge and competence and describes their organisation's process for doing so.	
Core	Development B6. Self-development and progression. B8. Meeting goals and objectives with a positive approach, to their own needs.	Describe the progress made on goals and objectives and describes how they established future areas for self-development.	Describes a 5 year career plan and how they will achieve set goals and targeted time scales.



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