


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>Accredited to ISO/IEC 17025:2017</p>	<b>T.A. Savery &amp; Co. Ltd.</b>	
	<b>Issue No: 014 Issue date: 12 September 2025</b>	
	<b>Grovelands</b> <b>Longford Road</b> <b>Exhall</b> <b>Coventry</b> <b>CV7 9NE</b>	<b>Contact: James Jackson</b> <b>Tel: +44 (0)2476 645555</b> <b>Fax: +44 (0)2476 645900</b> <b>E-Mail: info@oleo.co.uk</b> <b>Website: www.oleo.co.uk</b>
<b>Testing performed at the above address only</b>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<b>Recoverable and non-recoverable energy absorption devices</b>	<p><b>Static and Quasi-static tests</b></p> <ul style="list-style-type: none"> <li>- Static and Quasi-static characteristics of buffers, capsules and deformation tubes</li> </ul> <p>Press or Actuators: up to 3000kN Compressive up to 1500kN Tension</p> <p><b>Dynamic tests</b></p> <ul style="list-style-type: none"> <li>- Endurance testing under buffing load for life-cycle simulation</li> <li>- Bench test endurance testing</li> <li>- Tightness testing</li> </ul> <p>Dynamic Impact (Titan Rig): Mass Impacts up to 60t up to 20kph</p>	<p>BS EN 15551:2022 BS EN 15551:2017 BS EN 15551:2009 + A1:2010 Railway applications. Railway rolling stock.</p> <p>BS EN 12663-1:2010+A1:2014 BS EN 12663-1:2010+A2:2023 Railway applications. Structural requirements of railway vehicle bodies.</p> <p>BS EN 15227:2020 +A1: 2024 BS EN 15227:2008 + A1:2010 Railway applications. Crashworthiness requirements for railway vehicle bodies.</p> <p>In-House Methods: 9-00006-1 Oleo Rail &amp; Industrial Buffer Static Test Performance</p> <p>9-00007-1 Oleo Rail &amp; Industrial Buffer Quasi-Static Test Performance</p> <p>Specifications: UIC827-1:1990 Technical specification for the supply of elastomer components for buffers.</p>



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<p><b>Recoverable and non-recoverable energy absorption devices</b> (continued)</p> <p><b>Rail Friction Shoes and Buffer Stops</b></p> <p><b>Railway Rolling Stock – Draw gear and screw coupling</b></p>	<p><b>Dynamic tests</b> (continued)</p> <p><b>Retardation test</b></p> <p><b>Static and Quasi-static tests</b> Static characteristics</p> <p>Fatigue / Durability / Endurance</p>	<p>UIC827-2:1981 Technical specification for the supply of steel rings for buffer springs. In-House-Methods: 9-00084-1 Dynamic Test Procedure. Temperature preconditioning of tests samples when outside the published Standard to in-house method 9-00131-1 -60°C to +60°C</p> <p>In-House Methods: 9-00125-1</p> <p>BS EN 15566:2022 BS EN 15566:2009 + A1:2010 Draw gear and screw coupling.</p> <p>In-House-Method: Temperature preconditioning of tests samples when outside the published Standard, issue1 -60°C to +60°C</p>



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<p><b>Elevator buffers</b></p>	<p>Dynamic Drop (free Fall) Scope Extension            Max Mass 12,500kg            Min Mass 380kg            Max Height 25m (13m calibrated)</p> <p>Buffer tests:</p> <ul style="list-style-type: none"> <li>- Retardation test</li> <li>- Strength test</li> <li>- Oil leakage test</li> <li>- Plunger return test</li> <li>- Lateral movement</li> </ul>	<p>BS EN 81.1:1998 + A3:2009 Safety rules for the construction of lifts. Electric lifts.</p> <p>BS EN 81.2:1998 + A3:2009</p> <p>BS EN 81-20:2020            KC 1030-11:2019            BS EN 81-20:2014 (Withdrawn)</p> <p>BS EN 81-50:2020            BS EN 81-50:2014 (Withdrawn)</p> <p>ASME A17.9-2023/CSA B44-23            ASME A17.1-2022/CSA B44-22            ASME A17.1-2019/CSA B44-19            ASME A17.1-2016/CSA B44-16            ASME A17.1-2013/CSA B44-13            ASME A17.1-2010/CSA B44-10            Safety code for elevators and escalators</p> <p>GB 7588-2003 Safety code on lift manufacturing and installation.</p> <p>GB 7588-2003+XG1-2015 (TSG T7007-2016)</p> <p>GOSTR53:780-2010</p> <p>Quality Management and Safety Control of Industrial Products, 10961 (2011.07.25)</p> <p>IS 14665 (Part4/Sec 1 to 9): 2001 Electric traction lifts</p> <p>In-House-Method: Temperature preconditioning of tests samples when outside the published Standard, In-house method 9-00131-1            -60°C to +60°C</p>



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<b>Industrial Products &amp; Assemblies</b>	Structural Characterisation, fatigue and durability  Max Force 2000kN Max Displacement 2000mm	In-house method 9-00122-1
END		