


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 7778 Accredited to ISO/IEC 17025:2017	T.A. Savery & Co. Ltd. Issue No: 013 Issue date: 12 May 2025	
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Testing performed at the above address only		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>Recoverable and non-recoverable energy absorption devices</p>	<p>Static and Quasi-static tests</p> <ul style="list-style-type: none"> - Static and Quasi-static characteristics of buffers, capsules and deformation tubes <p>Press or Actuators: up to 3000kN Compressive up to 1500kN Tension</p> <p>Dynamic tests</p> <ul style="list-style-type: none"> - Endurance testing under buffing load for life-cycle simulation - Bench test endurance testing - Tightness testing <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 Railway applications. Structural requirements of railway vehicle bodies.</p> <p>BS EN 15227:2020 BS EN 15227:2008 + A1:2010 Railway applications. Crashworthiness requirements for railway vehicle bodies.</p> <p>In-House Methods: 9-00006-1 Oleo Rail & Industrial Buffer Static Test Performance</p> <p>9-00007-1 Oleo Rail & 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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Recoverable and non-recoverable energy absorption devices (continued)	Dynamic tests (continued)	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
Rail Friction Shoes and Buffer Stops	Retardation test	In-House Methods: 9-00125-1
Railway Rolling Stock – Draw gear and screw coupling	Static and Quasi-static tests Static characteristics Fatigue / Durability / Endurance	BS EN 15566:2022 BS EN 15566:2009 + A1:2010 Draw gear and screw coupling. In-House-Method: Temperature preconditioning of tests samples when outside the published Standard, issue1 -60°C to +60°C



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Elevator buffers	Dynamic Drop (free Fall) Scope Extension Max Mass 12,500kg Min Mass 380kg Max Height 25m (13m calibrated) Buffer tests: <ul style="list-style-type: none">- Retardation test- Strength test- Oil leakage test- Plunger return test- Lateral movement	BS EN 81.1:1998 + A3:2009 Safety rules for the construction of lifts. Electric lifts. BS EN 81.2:1998 + A3:2009 BS EN 81-20:2020 KC 1030-11:2019 BS EN 81-20:2014 (Withdrawn) BS EN 81-50:2020 BS EN 81-50:2014 (Withdrawn) 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 GB 7588-2003 Safety code on lift manufacturing and installation. GB 7588-2003+XG1-2015 (TSG T7007-2016) GOSTR53:780-2010 Quality Management and Safety Control of Industrial Products, 10961 (2011.07.25) IS 14665 (Part4/Sec 1 to 9): 2001 Electric traction lifts



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Elevator buffers (cont'd)	Buffer tests: <ul style="list-style-type: none">- Retardation test- Strength test- Oil leakage test- Plunger return test- Lateral movement	In-House-Method: Temperature preconditioning of tests samples when outside the published Standard, In-house method 9-00131-1 -60°C to +60°C
Industrial Products & Assemblies	Structural Charecterisation, fatigue and durability Max Force 2000kN Max Displacement 2000mm	In-house method 9-00122-1
END		