

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>2498</b></p> <p>Accredited to <b>ISO/IEC 17025:2017</b></p>	<p align="center"><b>UTAC UK Ltd</b></p> <p align="center"><b>Issue No: 035    Issue date: 23 May 2025</b></p>	
	<p><b>Vehicle Test Facilities</b></p> <p><b>Millbrook</b></p> <p><b>Bedford</b></p> <p><b>MK45 2JQ</b></p>	<p><b>Contact: Jeanette Lancaster</b></p> <p><b>Tel: +44 (0)1525 408402</b></p> <p><b>E-Mail: <a href="mailto:jeanette.lancaster@utac.com">jeanette.lancaster@utac.com</a></b></p> <p><b>Website: <a href="http://www.utac.com">www.utac.com</a></b></p>

**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><b>PETROLEUM &amp; PETROLEUM PRODUCTS</b></p> <p>Diesel</p> <p>Gasolines</p> <p><b>MOTOR VEHICLES AUTOMOTIVE COMPONENTS AND EQUIPMENT RIGIDISED VEHICLES (VEHICLE BUCKS) AIRCRAFT SEATS</b></p>	<p><b>PERFORMANCE TESTS</b></p> <p>Injector nozzle coking</p> <p>Valve sticking of gasoline fuels</p> <p>Inlet valve cleanliness (IVC)</p> <p>Deposit forming tendency on intake valve and in combustion chambers of gasoline engines</p> <p>Frontal, rear, and side impact Simulation Using an acceleration Sled (Some tests include the use of anthropomorphic dummies)</p>	<p>Documented In-House Procedures and/or Standard Specifications involving the use of standard engines</p> <p>CEC-F-23-T-01(Peugeot XUD9) Issues 24, 24.1,25 and 26 CEC-F-98-08 (Peugeot DW10) Issues 6, 6.1, 6.2, 7, 8, 9, 10, 11,11.1 and 12</p> <p>CEC-F-16-A-96 Issues 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9 and 6.0</p> <p>CEC-F-05-A-93 (MB M102E) Issue 12.1 and 12.2</p> <p>CEC-F-20-A-98 (MB M111) Issues 12, 12.1, 12.2, 12.3, 12.4, 12.5, 12.6 and 12.7</p> <p>EASA CS23.562 Amend 6 EASA CS25.562 Amend 27 EASA CS27.562 Amend 9 EASA CS29.562 Amend 10</p>



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AEROSPACE COMPONENTS AND EQUIPMENT AUTOMOTIVE COMPONENTS AND ASSEMBLIES TRAIN COMPONENTS AND ASSEMBLIES PLASTIC COMPONENTS AND PRODUCTS STRUCTURES, COMPONENTS AND FITTINGS	<b>ENVIRONMENTAL TESTS</b> (Non- explosive items)  CLIMATIC  HIGH /LOW TEMPERATURE (Constant & cyclic) Max temp: 110 °C Min temp: -60 °C Max chamber working area: 11 m x 5 m x 4 m  HIGH TEMPERATURE  (Solar Radiation) Thermal effects only Max temp: 125 °C Max power per controller: 1120 Wm <sup>-2</sup> Radiation area: 8 m x 3 m  HIGH HUMIDITY (Steady state and Cyclic) Temp range: 20 °C to 60 °C Humidity range: 3 %RH to 98 %RH Max chamber working area: 11 m x 4.5 m x 4 m  DYNAMIC  VIBRATION  Ambient temperature  Electromagnetic vibrators - Sinusoidal & random spectra Frequency range: 5Hz to 2kHz Max thrust: 24kN (Vertical axis only)	Documented In-House Procedures, Customer Specifications, and International Standards  BS EN 60068-2-1: 1993(1994) BS EN 60068-2-1: 2007 BS EN 60068-2-2: 1993 BS EN 60068-2-2: 2007  BS EN 60068-2-5: 2011 BS EN 60068-2-5: 2018 DEF STAN 00-35 Part 3 Issue 4 Chapter 3-02 Test CL2 DEF STAN 00-35 Part 3 Issue 4 Chapter 3-06 Test CL6 DEF STAN 00-35 Part 3 Issue 5 Test CL3 (Thermal Effects)  BS EN 60068-2-78: 2013 IEC 68-2-56: 1998  BS EN 60068-2-6: 1996 BS EN 60068-2-6: 2008 BS EN 60068-2-64: 1995 BS EN 60068-2-64: 2008 BS EN 60068-2-64: 2008 A1:2019



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BATTERY VEHICLES	Fire resistance testing	ECE R100.02, Supplement 5 Paragraphs 6.5 and 6.5 and Annex 8E
	Vibration testing	ECE R100.02, Supplement 5 Paragraph 6.2 and Annex 8A
	Mechanical shock	ECE R100.02, Supplement 5 Paragraph 6.4.1.2, 6.4.1.3 and Annex 8C
	Battery charging/discharging 20-1000V, 0-1400A	UNECE R100 Revision 2 Amendment 5. Annex 8 Appendix 1
	Thermal shock and cycling. -40 to +90 °C	ECE R100.02, Supplement 5 Paragraph 6.3 and Annex 8B
	Mechanical Integrity (crush) - 100kN	ECE R100.02, Supplement 5 Paragraph 6.4.2.1.2, 6.4.2.2, 6.4.2.3 and Annex 8D
	Short Circuit. <=8000A, <=1200V	ECE R100.02, Supplement 5 Paragraph 6.6 and Annex 8F
	Overcharge protection 20-1000V, 0-1400A	ECE R100.02, Supplement 5 Paragraph 6.7 and Annex 8G
	Over Discharge 20-1000V, 0-1400A	ECE R100.02, Supplement 5 Paragraph 6.8 and Annex 8H
	Over Temperature 20-1000V, 0-1400A, -40 to +90 °C	ECE R100.02, Supplement 5 Paragraph 6.9 and Annex 8I
	Isolation Resistance 0 to 2 GΩ	ECE R100.02, Supplement 5 Paragraph 5.1.3 and Annex 4A and 4B



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LIGHT DUTY VEHICLES	EMISSIONS TESTING  Chassis dynamometer based climatic testing  Evaporative emissions	Type 1 Test - Annex XXI and Type 6 Test - Annex VIII, in EU 2017/1151 amended by 2018/1832 UN/ECE  Type 4 Test - Annex VI, in EU 2017/1151 amended by 2018/1832 UN/ECE
VEHICLES IN EU / UNECE CATEGORIES  M – Passenger Vehicles N – Goods Vehicles   L – Motorcycles  Approval of Tyres regarding rolling sound emissions of C Type tyres	Noise Testing  Vehicle Exterior Noise Tests (Noise level, vehicle speed and position)      Audible Warning (Horn)	UNECE Regulation 51-02 Annexes 3, 5, 6, 7 and 10  UNECE Regulation 51-03 Annexes 3, 4, 5, 6, and 7  UNECE Regulation 138-01 Annex 3  EU Regulation 540/2014 Annexes II, IV, V, VI, VII and VIII  UNECE Regulation 41-05 Annex 3  UNECE Regulation 117-02 Annex 3  UNECE Regulation 28-00 Part II
END		