Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

UKAS TESTING **9271** **Accredited to ISO/IEC 17025:2017**	**Encocam Ltd** **(Trading as Cellbond, Anthropomorphic Test Devices, Testing Facility)** **Issue No:** 015 **Issue date:** 16 January 2026
IMET **Emery Cresent** **Alconbury** **Weald** **Huntingdon** **PE28 4YE**	**Contact: Roman Mucha** **Tel: +44 (0) 1480 415064** **Fax: +44 (0) 1480 450181** **E-Mail: roman.mucha@encocam.com** **Website: http://www.cellbond.com**
Testing performed at main address only	

Flexible Scope

The Flexible Scope applies to the laboratory's accreditation to ISO / IEC 17025:2017 for testing activities in accordance with the standards listed in the schedule. This may also include tests on the same or similar product types against standards, or customer-specified methods, that are not specifically listed in this Schedule, providing that:

1. The method or standard does not introduce new principles of measurement.

2. The method or standard does not require measurements to be made outside the parametric boundaries defined in this Schedule.

Information about flexible scopes of accreditation is available in UKAS document GEN 4.

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANTHROPOMORPHIC TEST DEVICES	Physical Tests	
Free Motion Headform	**Centre of gravity test** Weight 0-20kg Distance ±200mm	Documented in House Method WI-TF-007 Incorporating standard 49 CFR 572.100-103
	Dynamic impact test - head drop: Acceleration 0-500g Resultant Acceleration 0-275g	Documented in House Method WI–TF-058 Incorporating standard 49 CFR 572.100-103
Pedestrian Headform -3.5kg Child, 4.5kg Adult, 4.8kg	**Centre of gravity test** Weight 0-20kg Distance ±200mm	Documented in House Method WI-TF-007 Incorporating standards: EC631:2009, Part V, Sections 3.3 and 4.3 ISO14513:2016, Clause 5.1.1 ISO16850:2007+A1:2013, Clause 5.1.1
	Dynamic impact test - head drop Acceleration 0-500g Resultant Acceleration 0-300g	Documented in House Method WI-TF-058 EC631:2009, Appendix I, Sections 4.2 and 4.4 ISO14513:2016, Annex A ISO16850:2007+A1:2013, Annex B
Ejection Mitigation Headform (226)	**Centre of gravity test** Weight 0-20kg Distance ±200mm	Documented in-house method WI-TF-007
Pedestrian leg form Sub Assembly a-PLI – Femur, Tibia, Knee	**Static flexure test - 3 point bending test** Displacement 0-30mm Force 0-100kN Bending Moment 0-400Nm	Documented in House Method WI-TF-057 Incorporating standard: ISO TS 20458 Section 6.2

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANTHROPOMORPHIC TEST DEVICES (cont'd)	Physical Tests (cont'd)	
Pedestrian leg form Sub Assembly Flex-PLI Femur, Tibia, Knee	**Static flexure test - 3 point bending test** Displacement 0-30mm Force 0-100kN Bending Moment 0-400Nm	Documented in House Method WI-TF-057 Incorporating standard: -R127r2e, Annex 6, Section 1.2
Pedestrian leg form Full Assembly a-PLI	**Dynamic impact test - inverse** Displacement 0-30mm Bending Moment 0-385Nm	Documented in House Method WI-TF-013 Incorporating standard: ISO TS 20458 Section 6.33
	Hip Adduction Test Torque 0 – 500 Nm Angle 0 – 35 ° Time 0 – 180 Seconds	ISO TS 20458:2023 Section 6.1 Upper Mass Section 6.1.1 Hip Joint
Pedestrian leg form Full Assembly Flex-PLI	**Dynamic impact test - inverse** Displacement 0-30mm Bending Moment 0-385Nm	Documented in House Method WI-TF-013 Incorporating standard: -R127r2e, Annex 6, Section 1.4
	Dynamic impact test - pendulum Displacement 0-30mm Bending Moment 0-385Nm	Documented in House Method WI-TF-014 Incorporating standard: -R127r2e, Annex 6, Section 1.3
Bone Qualification	**Femur and Tibia**	Documented in House Method WI-TF-057 Incorporating standard: ISO TS 20458: 2023 Section6.2
Q-Series Lumbar Spine -Q1, Q1.5, Q3, Q6, Q10	**Dynamic impact test - pendulum arm** Angle ±80° Speed 0-5m.s^{-1} Acceleration 0-500g Moment ±40Nm Deceleration Pulse 0-5m.s^{-1}	Documented in House Method WI-TF-012 Incorporating standards Q1-UM, Section 8.3 Q1.5-UM, Section 8.3 Q3-UM, Section 8.3 Q6-UM, Section 8.3 Q10-UM, Sections 14.8-14.10 49 CFR 572.33 Fig 22

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANTHROPOMORPHIC TEST DEVICES (cont'd)	Physical Tests (cont'd)	
Q-Series Neck -Q0, Q1, Q1.5, Q3, Q6, Q10	**Dynamic impact test - pendulum arm** Angle ±80° Speed 0-5m.s^{-1} Acceleration 0-500g Moment ±40Nm Deceleration Pulse 0-5m.s^{-1}	Documented in House Method WI-TF-012 Incorporating standards Q0-UM, Section 5.4 Q1-UM, Section 8.2 Q1.5-UM, Section 8.2 Q3-UM, Section 8.2 Q6-UM, Section 8.2 Q10-UM, Sections 14.4-14.7 49 CFR 572.33 Fig 22
Q-Series Thorax -Q1, Q1.5, Q3, Q6, Q10	**Dynamic impact test - pendulum** Speed 0-5m.s^{-1} Acceleration 0-500g Deflection 0-40mm Force 0-2.5kN	Documented in House Method WI-TF-009 Incorporating standards Q1-UM, Section 8.5 Q1.5-UM, Section 8.5 Q3-UM, Section 8.5 Q6-UM, Section 8.5 Q10-UM, Sections 14.11-14.13
Q-Series Headform -Q0, Q1, Q1.5, Q3, Q6, Q10	**Dynamic impact test - head drop** Acceleration 0-500g Resultant Acceleration 0-160g	Documented in House Method WI-TF-058 Incorporating standards Q0-UM, Section 5.3 Q1-UM, Section 8.1 Q1.5-UM, Section 8.1 Q3-UM, Section 8.1 Q6-UM, Section 8.1 Q10-UM, Sections 14.1-14.3 49 CFR 572.102 Fig 50
Q-Series Abdomen -Q1, Q1.5, Q3, Q6, Q10	**Static compression test** Displacement 0-20mm	Documented in House Method WI-TF-008 Incorporating standards Q1-UM, Section 8.4 Q1.5-UM, Section 8.4 Q3- UM, Section 8.4 Q6-UM, Section 8.4 Q10-UM, Section 14.16

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANTHROPOMORPHIC TEST DEVICES (cont'd)	Physical Tests (cont'd)	
Q-Series Shoulder -Q10	**Dynamic impact test - pendulum:** -Speed 0-5m.s^{-1} -Acceleration 0-500g -Force 0-3kN	Documented in-house method: -WI-TF-009 Incorporating standard: -Q10-UM, Sections 14.14 and 14.17
Q-Series Pelvis -Q10	**Dynamic impact test - pendulum:** -Speed 0-5m.s^{-1} -Acceleration 0-500g -Force 0-5kN	Documented in-house method: -WI-TF-009 Incorporating standard: -Q10-UM, Section 14.15
END		