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LABORATORY LOCATION/ CENTRAL OFFICE:	Autoliv Hirotako Sdn Bhd Lot 1989, Lebu Tanming Taman Tanming Jaya, Jalan Balakong , 43300, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	17 MARCH 2025
FIELD(S) OF TESTING:	MECHANICAL

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

CENTRAL LOCATION:	Autoliv Hirotako Sdn Bhd Lot 1989, Lebu Tanming Taman Tanming Jaya, Jalan Balakong , 43300, Selangor
FIELD(S) OF TESTING :	MECHANICAL,

SCOPE OF TESTING : MECHANICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Seat Belts And Similar Devices Buckle And Attachment Fitting Buckle	<ol style="list-style-type: none"> 1. Corrosion resistance 2. Temperature conditioning 3. Durability 4. Strength 5. Releasing force 	<ol style="list-style-type: none"> 1. MS 1175 Clause 13.4/ ECE R16 Clause 7.2 2. MS 1175 Clause 13.3/ ECE R16 Clause 7.5.3 3. MS 1175 Clause 6.1.2, 12.2.3/ECE R16 Clause 6.2.2.4, 6.4.1.2.1 4. MS 1175 Clause 13.10.1, 13.10.5/ ECE R16 Clause 7.5.1, 7.5.5 5. MS 1175 Clause 13.9/ ECE R16 Clause 7.8

Schedule

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Seat Belts And Similar Devices Belt Adjusting Device	1. Microslip 2. Adjusting force	1. MS 1175 Clause 13.7/ ECE R16 Clause 7.3 2. MS 1175 Clause 13.10.6/ ECE R16 Clause 7.5.6
Seat Belts And Similar Devices Attachments And Belt Adjusting Devices For Height	1. Strength	1. MS 1175 Clause 13.10.1, 13.10.2/ ECE R16 Clause 7.5.1, 7.5.2
Seat Belts And Similar Devices Emergency Locking Retractor	1. Strength 2. Retracing force 3. Durability 4. Corrosion resistance 5. Dust resistance 6. Vehicle sensitivity 7. Webbing sensitivity 8. Tilt lock	1. MS 1175 Clause 13.10.1, 13.10.2/ ECE R16 Clause 7.5.1, 7.5.2 2. MS 1175 Clause 13.8.4/ ECE R16 Clause 7.6.4 3. MS 1175 Clause 13.8.1/ ECE R16 Clause 7.6.1 4. MS 1175 Clause 13.4/ ECE R16 Clause 7.2 5. MS 1175 Clause 13.8.3/ ECE R16 Clause 7.6.3 6. MS 1175 Clause 13.8.2.1, 13.8.2.3, 13.8.2.4/ ECE R16 Clause 7.6.2.1, 7.6.2.1.2, 7.6.2.2 7. MS 1175 Clause 13.8.2.1, 13.8.2.2, 13.8.2.4/ ECE R16 Clause 7.6.2.1, 7.6.2.1.1, 7.6.2.2 8. MS 1175 Clause 13.8.2.4.1/ ECE R16 Clause 7.6.2.3
Seat Belts And Similar Devices Belt/ Test Assembly	1. Dynamic test 2. Buckle opening test 3. Abrasion conditioning procedure 1 – for cases where the webbing slides through an adjusting device 4. Abrasion conditioning procedure 2 – For cases where the webbing change the direction in passing through a rigid part 5. Abrasion conditioning procedure 3 – For cases where the webbing is fixed to the rigid part by sewing or similar means	1. MS 1175 Clause 13.2/ ECE R16 Clause 7.7 2. MS 1175 Clause 13.9/ ECE R16 Clause 7.8 3. MS 1175 Clause 13.5.5.1/ ECE R16 Clause 7.4.1.6.4.1 4. MS 1175 Clause 13.5.5.2/ ECE R16 Clause 7.4.1.6.4.2 5. MS 1175 Clause 13.5.5.3/ ECE R16 Clause 7.4.1.6.4.3
Seat Belts And Similar Devices Preloading Device	1. Temperature conditioning 2. Corrosion test	1. MS 1175 Clause 13.11/ ECE R16 Clause 7.9.1 2. MS 1175 Clause 13.4/ ECE R16 Clause 7.2
Seat Belts And Similar Devices Webbing/strap	1. Breaking strength 2. Cold conditioning 3. Heat conditioning 4. Exposure to water	1. MS 1175 Clause 13.6/ ECE R16 Clause 7.4.2 2. ECE R16 Clause 7.4.1.3 3. ECE R16 Clause 7.4.1.4 4. ECE R16 Clause 7.4.1.5

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