TEST REPORT: Retractable Steps

Report/Job Number: VSK214294

TEST DETAILS

Subject: Retractable Steps
ECE Regulation: Regulation 107.02
Location of Test: AVS Steps
Unit 1 Offices 5, 6 and 7
Mereside Industrial Park
Fenns Bank
Whitchurch
Shropshire SY13 3PA
United Kingdom.
Date of Test: 27 January 2010
VCA Representative: Richard Pegg
Manufacturer’s Representative: Shaun Connolly
Reason for Test: New Approval

MANUFACTURER DETAILS

Manufacturer’s Name: AVS Steps
Manufacturer’s Address: Unit 1 Offices 5, 6 and 7
Mereside Industrial Park
Fenns Bank
Whitchurch
Shropshire SY13 3PA
United Kingdom.
Model Type & description: AVS LXM Step
Category: Separate Technical Unit

CONCLUSION

The above mentioned vehicle was tested in accordance with Paragraph 7.6.10.9 of EC Directive 2001/85/EEC or 7.6.10.9 of Regulation 107.02 and was found to comply in all respects.

Signature:  
Name: Richard Pegg  
Position: Test Engineer  
Date: 28 January 2010

LIST OF ANNEXES

EWVTA ITEM 52 TR01.000
TEST REPORT: Retractable Steps

Paragraph Parameter Complies

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TEST SPECIFICATION/WORST CASE RATIONALE:

AVS LXM Manual step Mounted as a separate Technical unit to a test rig by means of two M6 fastenings at the front of the step and two M8 universal struts bars to the rear of the step. The test involved pressing the step via a calibrated load cell with a 100mm diameter disc at the centre of the extended step at a force of 136 kgs and measuring the deflection.

7.6.10.9 When the passenger door is open, the retractable step shall be securely held in the extended position. When a mass of 136 kg is placed in the centre of a single step or a mass of 272 kg is placed in the centre of a double step the deflection at any point on the step, measured relative to the body of vehicle, shall not exceed 10 mm. YES

Result: Maximum Deflection Measured = 2.5mm
**TEST REPORT: Retractable Steps**

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**INSTRUMENTATION**

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