



Address	<p>C.N. Unwin, Unwin House, The Horseshoe, Coat Road, Martock, Somerset, TA12 6EY</p> <p>Office: +44 (0) 1935 827740 Fax: +44 (0) 1935 827760</p>
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Test Summary Report	UNECE Reg 17
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Test Number	T-11962
Test Date	13 April 2017

Test Objective & Setup Details: Van Guard Shelving System Mk2
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Engineers conducting test	F COULTER
Test House	UNWIN DYNAMIC LABORATORY

Customer	Vanguard
Address	<p>Unit 4, Exeter Airport Business Park, Fair Oak Close, Clyst Honiton EX5 2UL</p>

Component	Type	Post Test
Lift :	Van Guard Shelving System	OK
Fixing:	M12x35 Bolts	OK

(If Concern – Use Notes)

Instrumentation:

Type		Unwin ID	Last Cal.
Data Acquisition	DTS Slice	UIG 133	18 November 2016
Accelerometer AX	Endevco 200g	UIG 108	09 September 2016
Accelerometer AX	Endevco 200g	UIG 125	19 December 2016
Accelerometer AX (Backup)	Endevco 2000g	UIG 105	19 Jan 2017

Instrumentation Calibrated Annually.

Post Test Report

Post Test According to UNECE Reg 17		
5.1.5	No failure shall be shown in the seat frame or in the seat anchorage, the adjustment and displacement systems or their locking devices	N/A
5.1.6	No release of the locking systems shall occur	N/A
5.1.7	After the tests, the displacement systems intended for permitting or facilitating the access of occupants must be in working order; they must be capable, at least once, of being unlocked and must permit the displacement of the seat or the part of the seat for which they are intended.	N/A

	Required	Actual	Complies?
Pulse 20g	>30ms	40.3	Y
Corridor	Within Corridor	See graph	Y

Note:

Graph



Pre Test



Post Test



