

TÜV NORD Mobilität GmbH & Co. KG

Certificate concerning tests for load safety and rigidity of vehicle bodies according to DIN EN 12642 annex B (2007-01)

8113227016-PB1-Z1

1 Information concerning the vehicle

Manufacturer	Lawrence David Ltd Maxwell Road Peterborough PE2 7JR (GB)
Vehicle / body type	Semi-trailer Swing Pillar Curtainsider
Vehicle identification no. / Body no.	Please Refer to Chassis Plate
Max. payload [kg]	26,000
Max. inner dimensions L x W x H [mm]	13,600 x 2,450 x 2,300

2 Information concerning the equipment

Proven accelerations
(DIN EN 12642, annex B)

Front wall

0.8 g

- front wall with steel corner stanchions filled with plywood panel

Side wall

0.5 g

- 1 pairs Lawrence David swing out post
- side tarpaulins according to DIN EN 12641-2
- over-centre locks with additional safeguard

Rear wall

0.5 g

- rear portal with steel corner stanchions
- roller gate JR Industries

Roof

- fixed roof of steel profiles and transverse roof struts

Floor

- steel construction with wooden panels

The condition of the vehicle body has to be inspected annually by a qualified person on behalf of the vehicle owner according to VDI 2700 and according to the manufacturer's guide-lines.

3 Details / conditions for loading

- sliding friction coefficient $\mu_D \geq 0,3$
- positive-lock securing in direction of driving
- min. cargo width 240 cm
- max. permissible load clearance from rear wall ≤ 15 cm
- double diagonal cross strap safe system

4 Cargo details (examples)

- general cargo, shape and tip stable
- palletized goods, shape and tip stable

5 Summary

The vehicle body described above fulfils the requirements of DIN EN 12642 Code XL for a payload of up to 26,000 kg.

If all conditions given in part 2 and 3 are fulfilled, the securing of the loads according to par. 4 is provided by the stability of the vehicle structure, further securing such as tie-down or direct lashing is not required.

When all listed conditions are fulfilled, the vehicle body is capable of securing the cargo according to the guidelines of generally accepted engineering principles, for example accelerations according to DIN EN 12195-1 (road traffic), the VDI-directive 2700 ff. and the certificates and technical reports based on these.

This certificate for the adequate load securing also includes the legal requirements for load securing which are listed in §§ 22 and 23 StVO and § 30 StVZO (Germany).

Additional load securing measures according to VDI 2700 are to be taken for differing loading conditions.

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Fachgruppe Ladungssicherung

Lawrence David Ltd

By signing this certificate, Lawrence David Ltd certifies, that the body rigidity of the vehicle delivered to the customer at the time of delivery corresponds with the test sample certified by TÜV NORD .

Hannover, 18.04.2016

Uwe Manter



Peterborough (GB),