TÜV NORD Mobilität GmbH & Co. KG

Certificate of Load Securing by the Vehicle Superstructure
according to EN 12642 Annex B (2007-01)

8111069666-PB3-Z2-A1

1 Dates of vehicle

Vehicle manufacturer:	Lawrence David Ltd Maxwell Road PE2 7JR Peterborough (GB)
Vehicle type	Rigid body structure for trucks
Body type	Curtainsider
Vehicle ID number	Please Refer to Chassis Plate
Max. technical payload	12,000 kg
Max. clearance dimensions L x W x H in [mm]	8,300 x 2,440 x 2,550

2 Details of vehicles fittings

Proven max. test forces (EN 12642, Annex B)

Front Bulkhead — **0,8 g**

Galvanised HT steel corner Pillars and top corner cappings.
GRP Deflector and 21 mm GRP panel.

Curtains — **0,5 g**

Amoursheets load bearing curtain. Cloth 2x2 weave 900 gr /m² with 1,500 kg rated webbingassemblies at 625 mm nom centres. Wear band approx 500 mm to buckle line. Stailness steel buckle, Maxcess roller hanger, single ball bearing roller, anti tangle rave hook. Front top corner shaped to match fuel save roof curve.
Additional horizontal webbing full length fitted inside curtains at 600 mm max. Pitch full height.
Alternative Lawrence David Fast-Strap curtain system
Load securing system HD Load Straps
Twin row galvanised steel load retention rack;
16 pairs of load retaining straps, LC 750 daN

Rear portal — **0,5 g**

Galvanised steel rear frame. Access width 2,410 mm
van doors alloy / ply / galvanized steel internal. Galvanised hinges and power brace door gear. No grap handle fitted.
Alternative rear shutter JR Industries

Roof

Rear roof diffuser/ vortex generator 1 m long 90 mm drop
HT steel rails deep to EN 12642 XL special RHS X ties; Alloy roof bows. Fuel save front, 210 mm drop over 2 m. One piece alloy roof coil. Exclusive LD track and valance.

The condition of the vehicle superstructure is to be inspected regularly in accordance with VDI 2700.

3 Details of load

- sliding friction coefficient $\mu_D \geq 0{,}3$
- positive fit loading in direction of travel
- cargo width min. 240 cm
- distance cargo / rear wall ≤ 15 cm

4 Cargo informations (examples)

- general cargo
- palletised 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 12.000 kg.
If all conditions given in par. 2, 3 and 4 are fulfilled, the securing of the load 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 sufficient load securing also includes the legal requirements for load securing which are listed in §§ 22 and 23 StVO and § 30 StVZO.
Additional load securing measures according to VDI 2700 are to be taken for differing loading conditions.

TÜV NORD Mobilität GmbH & Co. KG
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Geschäftsstelle Hannover
Fachgruppe Ladungssicherung

Hannover, 05.12.2016

Uwe Manter

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.

Peterborough (GB), 12.12.18

Darren Wells