

Heavy vehicle specialist certificate

Must be presented to a CoF (heavy) inspecting organisation
 Heavy vehicle specialist inspector and inspecting organisation

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name (PRINT IN CAPS) ID

SEAN MALLIN **SCM**

Vehicle registration (optional) VIN/chassis number

DOMETT **7 A 9 E 4 5 0 1 2 H 1 0 2 3 6 4 3**

Model (optional) Component being certified:

2017 E4501 Chassis Load anchorage

Certification category Log bolsters Towing connection Brakes

HVS2 SRT PSV stability PSV rollover

Swept path PBS

Description of work

CERTIFY SRT - 5 AXLE FULL TRAILER

Code/standard/rule certified to Component load rating(s)

NZTA RULE 41001:2016 **X1 = 4.3m / Y1 = 20t**

General drawing number(s) **Y2 = 20t / X2 = 4.3m**

LOAD TYPE: UNIFORM DENSITY

Supporting documents

SRT COMPLIANCE CERT # S891

Special conditions (optional)


AS ABOVE

Certification expiry date (if applicable) or Hubodometer reading (whichever comes first)

Declaration

I the undersigned, declare that I am the heavy vehicle specialist inspector identified and I hold a current valid appointment. I certify that the above mentioned vehicle component's design, manufacture and installation, and this certification complies in all respects with the Land Transport Rule: Vehicle Standards Compliance 2002 and my appointment. To the best of my knowledge the information contained in the certificate is true and correct.

Designer's ID (if different from inspector below)

Inspector's signature 

Inspector's name (PRINT IN CAPS) ID number

SEAN MALLIN **S C M**

Date Number

21-09-2017 **602712**

CoF vehicle inspector ID CoF vehicle inspector signature Date

All fields are mandatory unless otherwise stated.

DOMETT TRUCK & TRAILER LTD**Physical Address**

189 Kennedy Road
Tauriko Business Estate
Tauriko

Postal Address

PO Box 9458
Greerton
Tauranga

**PHONE 07 575 5139****FAX 07 575 5137**www.domett-trailers.co.nz

Static Roll Threshold Compliance Certificate

Name of vehicle owner: JPL
 Address:
 SRT Compliance Certificate no: S891
 Vehicle Identification No.(VIN): 7A9E45012H1023643
 Vehicle chassis No: 1643
 Current vehicle registration:
 Type of vehicle: Full-Trailer
 No of axles in front set: 2 No of axles in rear set: 3
 Deck length of vehicle: 10.61 metres
 Maximum height of load or vehicle body: 4.3 metres
 Front suspension type: Generic Steel
 Rear suspension type: Generic Steel

I, Sean Mallin of Domett Truck and Trailer, PO Box 9458, Greerton, Tauranga 3142 certify that at the time of inspection this vehicle achieved a rating on a Static Roll Threshold test as follows:

Using standard load type: Other Description: Uses a certifier calculated value for the payload Cg height.

At a max. load height of 4.3 metres and a max. allowable gross mass of 32.5 tonnes, the SRT is 0.25g. This vehicle fails to meet the minimum SRT target of 0.35g. It will meet the standard if:

(a) At maximum load height of 4.3 metres, the maximum allowable gross mass is 20 tonnes. The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Payload Cg Height (m)
33	2.17
32	2.2
31	2.23
30	2.25
29	2.28
28	2.32
27	2.35
26	2.39
25	2.42
24	2.47
23	2.51
22	2.57
21	2.62
20	2.69
19	2.77

Results of SRT test to be displayed on Certificate of Loading

X1 = 4.3 metres / Y1 = 20 tonnes ; Y2 = 20 tonnes / X2 = 4.3 metres.

The type of test carried out to establish this rating was: NZTA SRT Calculator Version 2.01c

"ENGINEERED TO PERFORM, BUILT TO LAST"

Summary Input Data used for calculation.

Tyre Data:

Axle	Tyre Size:	Tyre Configuration:
1	17.5	Dual
2	17.5	Dual
3	17.5	Dual
4	17.5	Dual
5	17.5	Dual

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	14500	18000
Payload mass (kg):	11540	13360
Tare mass (kg):	2960	4640
Average load bed height (m):	n/a	
Average load height (m):	4.3	
Payload Cg height(m):	2.7	
Suspension type:	Generic Steel	Generic Steel
Suspension track width (m):	0.98	0.98
Lash (mm):	60	60

I certify that I am a vehicle inspector appointed under section 2 of Land Transport Rule, Vehicle Standards Compliance 2002. I certify that this certificate complies in all respects with the applicable requirements in that rule, and that, to the best of my knowledge, the information in this certificate is true and correct.

Signed: 

Vehicle Inspector/Inspecting Organisation No SCM

SRT Compliance Certificate no:

Name: Sean Mallin

Date: 21/9/2017

S891