

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 2 5 0 1 1 H 1 0 2 3 6 6 9**

Model *(optional)* Component being certified:

2017 E2501 H 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 = 27t**

General drawing number(s) **Y2 = 35t / X2 = 3.89m**

LOAD TYPE: UNIFORM DENSITY

Supporting documents

SRT COMPLIANCE CERT # S910

Special conditions *(optional)*

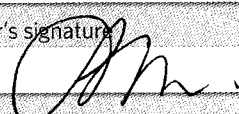
AS ABOVE

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

29-11-2017 **602732**

CoF vehicle inspector ID CoF vehicle inspector signature Date

All fields are mandatory unless otherwise stated.



Static Roll Threshold Compliance Certificate

Name of vehicle owner: Stocklines Ltd
Address:
SRT Compliance Certificate no: S910
Vehicle Identification No.(VIN): 7A9E25011H1023669
Vehicle chassis No: 1669
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: 11.28 metres
Maximum height of load or vehicle body: 4.3 metres
Front suspension type: Generic Air High Stiffness
Rear suspension type: Generic Air High Stiffness

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: Uniform density Description: Assumes load mass is centred midway vertically between load bed and load height.

At a max. load height of 4.3 metres and a max. allowable gross mass of 35 tonnes, the SRT is 0.31g
 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 27.3 tonnes.
 or (b) At maximum gross mass of 35 tonnes, the maximum allowable load height is 3.89 metres.

The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

| Gross Mass (tonnes) | Load Height (m) |
|---------------------|-----------------|
| 35 | 3.89 |
| 34 | 3.93 |
| 33 | 3.98 |
| 32 | 4.03 |
| 31 | 4.08 |
| 30 | 4.13 |
| 29 | 4.18 |
| 28 | 4.25 |
| 27 | 4.3 |

Note: Calculated load heights greater than the legal limit of 4.30m have been set to 4.30m

Results of SRT test to be displayed on Certificate of Loading

X1 = 4.3 metres / Y1 = 27 tonnes ; Y2 = 35 tonnes / X2 = 3.89 metres.

The type of test carried out to establish this rating was: NZTA SRT Calculator Version 2.10c

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 Sloping deck

| Inputs | Front | Rear |
|----------------------|-------|------|
| Load bed height (m): | 0.96 | 0.94 |
| Load height (m): | 4.3 | 4.3 |

Mass and Suspension Data:

| Inputs | Front | Rear |
|------------------------------|----------------------------|----------------------------|
| Gross mass (kg): | 16000 | 19000 |
| Payload mass (kg): | 13220 | 15920 |
| Tare mass (kg): | 2780 | 3080 |
| Average load bed height (m): | 0.95 | |
| Average load height (m): | 4.3 | |
| Suspension type: | Generic Air High Stiffness | Generic Air High Stiffness |
| Suspension track width (m): | 0.98 | 0.98 |
| Lash (mm): | 300 | 300 |

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:

[Signature]
 Vehicle Inspector/Inspecting Organisation No **SCM**
 SRT Compliance Certificate no:

Name: **Sean Mallin**

Date: **29/11/2017**

S910