

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) **CAMERON HARRIS** ID **CNH**

Vehicle registration (optional) _____ VIN/chassis number **7 A 9 D 5 0 0 2 6 H 1 0 2 3 5 9 8**

Make **DOMETT** Component being certified: Chassis Load anchorage

Model (optional) **2017 D5002 (TYPE 2)** Log bolsters Towing connection Brakes

Certification category **HVS2** SRT PSV stability PSV rollover

Swept path PBS

Description of work
CERTIFY SRT - 4 AXLE SEMI TRAILER

Code/standard/rule certified to **NZTA RULE 41001:2016** Component load rating(s)
X1 = 4.3m / Y1 = 26t
Y2 = 26t / X2 = 4.3m
LOAD TYPE: UNIFORM DENSITY

General drawing number(s) _____

Supporting documents
SRT COMPLIANCE CERT # S864

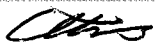
Special conditions (optional)
AS ABOVE

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 _____

Date **07-04-2017** Number **573934**

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: **Bulklines Ltd**
Address:
SRT Compliance Certificate no: **S864**
Vehicle Identification No.(VIN): **7A9D50026H1023598**
Vehicle chassis No: **1598**
Current vehicle registration:
Type of vehicle: **Semi-Trailer**
No of axles in front set: **0** No of axles in rear set: **4**
Deck length of vehicle: **12.2 metres**
Maximum height of load or vehicle body: **4.3 metres**
Front suspension type: **none**
Rear suspension type: **User Defined**

I, **Cameron Harris** 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 26 tonnes, the SRT is 0.36g
This vehicle meets or exceeds the minimum SRT target of 0.35g.

| |
|---|
| Results of SRT test to be displayed on Certificate of Loading |
|---|

| |
|--|
| X1 = 4.3 metres / Y1 = 26 tonnes ; Y2 = 26 tonnes / X2 = 4.3 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 | 22.5 | Large Single |
| 2 | 22.5 | Large Single |
| 3 | 22.5 | Large Single |
| 4 | 22.5 | Large Single |

Body Style is Sloping deck

| Inputs | Front | Rear |
|----------------------|-------|------|
| Load bed height (m): | 1.35 | 1.3 |
| Load height (m): | 4.3 | 4.3 |

Mass and Suspension Data:

| Inputs | Rear |
|-----------------------------------|------------------------------|
| Gross mass (kg): | 26000 |
| Payload mass (kg): | 21540 |
| Safe mass (kg): | 4460 |
| Average load bed height (m): | 1.325 |
| Average load height (m): | 4.3 |
| Suspension type: | User Defined |
| Suspension track width (m): | 1.145 |
| Lash (mm): | 90 |
| Suspension brand/model: | SAF Intradisc IU25/2000RB-10 |
| Roll stiffness/axle (Nm/radian): | 1725000 |
| Spring stiffness/spring (N/m): | 470000 |
| Roll centre height from axle (m): | 0.05 |

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
CNH
 SRT Compliance Certificate no:

Name: **Cameron Harris**
 Date: **7/4/2017**
S864