

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
CAMERON HARRIS **CNH**

Vehicle registration (optional) VIN/chassis number
DOMETT **7 A 9 E 2 0 0 1 7 J 1 0 2 3 7 5 1**

Make Component being certified: Chassis Load anchorage
Model (optional) Log bolsters Towing connection Brakes
2018 E2001 PH SRT PSV stability PSV rollover

Certification category Swept path PBS
HVS2

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 = 32t**
General drawing number(s) **Y2 = 35t / X2 = 4.19m**
LOAD TYPE: UNIFORM DENSITY


Supporting documents
SRT COMPLIANCE CERT # S957

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
CAMERON HARRIS **C N H**
Date Number
25-06-2018 **628578**

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: Booths Transport
Address:
SRT Compliance Certificate no: S957
Vehicle Identification No.(VIN): 7A9E20017J1023751
Vehicle chassis No: 1751
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: 11.22 metres
Maximum height of load or vehicle body: 4.3 metres
Front suspension type: User Defined
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 Uniform density Description: Assumes load mass is centred midway vertically between load bed and load height.
type:

At a max. load height of 4.3 metres and a max. allowable gross mass of 35 tonnes, the SRT is 0.34g

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 32.6 tonnes.
 - or (b) At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.19 metres.
- The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)
35	4.19
34	4.23
33	4.27
32	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 = 32 tonnes ; Y2 = 35 tonnes / X2 = 4.19 metres.

The type of test carried out to establish this rating was: NZTA SRT Calculator Version 2.12c

Summary Input Data used for calculation.

Tyre Data:

Axle	Tyre Size:	Tyre Configuration:
1	19.5	Dual
2	19.5	Dual
3	19.5	Dual
4	19.5	Dual
5	19.5	Dual

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	16000	19000
Payload mass (kg):	12880	15320
Tare mass (kg):	3120	3680
Average load bed height (m):	1.08	
Average load height (m):	4.3	
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.994	0.994
Lash (mm):	0	0
Suspension brand/model:	Hendrikson Intraax AANL ZMD	Hendrikson Intraax AANL ZMD
Roll stiffness/axle (Nm/radian):	1824776	1824776
Spring stiffness/spring (N/m):	350000	350000
Roll centre height from axle (m):	0.051	0.051

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: 

Name: **Cameron Harris**

Vehicle Inspector/Inspecting Organisation No: **CNH**

Date: **25/6/2018**

SRT Compliance Certificate no:

S957