

Heavy vehicle specialist certificate Must be presented to a CoF (heavy) inspecting organisation if not entered into LANDATA

Heavy vehicle specialist inspector's or manufacturing inspecting organism	ation's name (PRINT IN CAPS)
MATTHEW CONNOLLY	MHC
Vehicle registration (optional) VIN/chassis num 7 A 9	^{ber} E
Make DOMETT Component being	
Model (optional) Log bolsters	
Certification category HVS2 Swept path	PSV stability PSV rollover PBS
Description of work	
CERTIFY SRT - 5 AXLE FULL TRAIL	ER
Code/standard/rule certified to	Component load rating(s)
NZTA RULE 41001:2016	X1 = 4.30m / Y1 = 33t
General drawing number(s)	Y2 = 35t / X2 = 4.20m
Supporting documents	LOAD TYPE: UNIFORM DENSITY
SRT COMPLIANCE CERT # S1050	
Special conditions (optional)	
AS ABOVE	
C. Mrt. 18	
Certification expiry date (if applicable)	Hubodometer reading (whichever comes first)
Declaration	Designer's ID (if different from inspector below)
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,	Inspector's signature MomoWL
manufacture and installation, and this certification complies in all respects with the Land Transport Rule: Vehicle Standards	Inspector's name (PRINT IN CAPS) ID number
Compliance 2002 and my appointment. To the best of my	MATTHEW CONNOLLY M H C
knowledge the information contained in the certificate is true and correct.	Date Number
	25-07-2019 6 80024
CoF vehicle inspector ID (if applicable) CoF vehicle inspect	or signature (if applicable) Date

New Zealand Government

Form ID

LT400

Version No. 05/18

DOMETT TRUCK & TRAILER LTD

Physical Address 189 Kennedy Road Tauriko Business Estate Tauriko

Postal Address PO Box 9458 Greerton Tauranga

PHONE 07 575 5139 07 575 5137 **FAX**



www.domett-trailers.co.nz

Static Roll Threshold Compliance Certificate

Name of vehicle owner:

Booths Transport Ltd

Address:

SRT Compliance Certificate no:

S1050

Vehicle Identification No.(VIN):

7A9E20017K1023864

Vehicle chassis No:

1864

Current vehicle registration:

Type of vehicle:

Full-Trailer

No of axles in front set:

No of axles in rear set:

Deck length of vehicle:

12.17 metres

Maximum height of load or vehicle body:

4.30 metres

Front suspension type:

User Defined

Rear suspension type:

User Defined

I, Matthew Connolly 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

2

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 0.34g This vehicle fails to meet the minimum SRT target of 0.35g. It will meet the standard if:

- At maximum load height of 4.3 metres, the maximum allowable gross mass is 33 tonnes. (a)
- At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.2 metres.

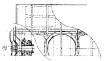
The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)	
35	4.2	
34	4.25	
33	4.29	
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 = 33 tonnes; $Y2 = 35 tonnes / X2 = 4.2 metres$.	

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:

7	Axle	Tyre Size:	Tyre Configuration:
- 1		19.5	Dual
140	2	19.5	Dual
	3	19.5	Dual
	<u> </u>	195	Dual
	5		Dual

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear	
Gross mass (kg):	16000	19000	
Payload mass (kg):	2840	15160	
Tare mass (kg):	3160	3840	
Average load bed height (m):	08		
Average load height (m):	4.30		
Suspension type:	User Defined	User Defined	
Suspension track width (m):	0.994	0.994	
Lash (mm):	0	0	
Suspension brand/model:	Hendrickson AANL ZMD	Hendrickson 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: Mcmoly

Vehicle Inspector/Inspecting Organisation No MHC

SRT Compliance Certificate no:

Name: Matthew Connolly

Date: 25/7/2019

S1050

