

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 o	rganisation's name (PRINT IN CAPS)
MATTHEW CONNOLLY	MHC
Vehicle registration (optional) VIN/chass	
	9 E 2 0 0 1 4 K 1 0 2 3 8 6 8
Make	nt being certified: Chassis Load anchorage
Model (optional) 2019 E2001 PH	olsters Towing connection Brakes
Certification category HVS2 Swep	PSV stability PSV rollover
Description of work	
CERTIFY SRT - 5 AXLE FULL TR	AILER
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 = 4.21m
	LOAD TYPE: UNIFORM DENSITY
Supporting documents	
SRT COMPLIANCE CERT # S1068	
Special conditions (optional)	and the control of th
AS ABOVE	
Certification expiry date (if applicable)	Or 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	Inspector's signature
certify that the above mentioned vehicle component's design, manufacture and installation, and this certification complies	Moment
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 knowledge the information contained in the certificate is true	MATTHEW CONNOLLY M H C
and correct.	Date Number
	30-09-2019 680041
CoF vehicle inspector ID (if applicable) CoF vehicle i	inspector signature (if applicable) Date

New Zealand Government Form ID LT400

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



Static Roll Threshold Compliance Certificate

Name of vehicle owner:

Booths Transport Ltd

Address:

SRT Compliance Certificate no:

S1068

Vehicle Identification No.(VIN):

7A9E20014K1023868

Vehicle chassis No:

1868

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

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:

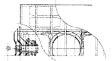
- (a) At maximum load height of 4.3 metres, the maximum allowable gross mass is 33.2 tonnes.
- At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.21 metres. The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)
35	4.21
34	4.25
33	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; $Y2 = 35 tonnes / X2 = 4.21 metres$.	

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:

			Name of the last o
(6.5)	Axle	Type Size:	Tyre Configuration:
	1	19.5	Dual
÷	2	19.5	Dual
	3	19.5	Dual
		19.5	Dual
	5-	19:50	Dual
160	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

Body Style is Standard

Mass and Suspension Data:

		1.11.11
Inputs	Front	Rear
Gross mass (kg);	16000	19000
Payload mass (kg):	2780	15120
Tare mass (kg):	3220	3880
Average load bed height (m):	1.077	
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 Intraax AANL ZMD	Hendrickson 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: ////////////////
Vehicle Inspector/Inspecting Organisation No MHC

SRT Compliance Certificate no:

Name: Matthew Connolly

Date: 30/9/2019

S1068

