

# 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 organisa	ation's name (PRINT IN CAPS)	ID
MATTHEW CONNOLLY		MHC
Vehicle registration (optional) VIN/chassis num		
7 A 9	E 2 0 0 1 0 K 1	0 2 3 8 6 6
Make DOMETT Component bein	ng certified: Chassis	Load anchorage
Model (optional) Log bolsters 2019 E2001 PH		
Certification category X SRT	PSV stability	PSV rollover
HVS2 Swept path	PBS	
Description of work	sono commensus successidada da e e e e e e e e e e e e e e e e	oon ah
CERTIFY SRT - 5 AXLE FULL TRAIL		annouveronouverat tata a amin'o outrouverono besa a a manuar manuar manuali
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	operation de deservations de la company	vuuvuvuteeteeteeteenaamaanavutetaaaaateetaavuteetaaaaateetaavuteetaaaa
Code/standard/rule certified to	Component load rating(s)	– 33 <del>1</del>
NZTA RULE 41001:2016	X1 = 4.30m / Y1	
General drawing number(s)	Y2 = 35t / X2 = 4	IFORM DENSITY
	LOAD TIFL. UN	III OKWI DENGITI I
Supporting documents SRT COMPLIANCE CERT # S1064		
SKI COMPLIANCE CERT # 31004	स्यान्यसंपर्वत्यक्षेत्रस्य स्थापन्यस्य स्थापन्यस्य प्रतास्य प्रतास्य प्रतास्य स्थापन्य स्थापन्यस्य स्थापन्यस्य स्थापन्यस्य स्थापन्यस्य स्थापन्यस्य स्थापन्यस्य स्थापन्यस्य स्थापन्यस्य स्थापन्यस्य स्थापन्यस्य स्थापन्यस्य स्	none electrica en companya companya and a companya
e van		
Special conditions (optional)  AS ABOVE		
	साधारकारकार तो तो हो हो हो हो हो है जिसके हमा के कारण कर के किया है जो है जो हमा के किया के किया है जो हमा के किया है जो है जो हमा है जो है जो हमा है जो है जो है जो हमा है जो हमा है जो	anaanaanakkaantanaannaannaannaannaannaan
Continuities social dates on a feating	<ul> <li>Hubodometer reading (whichever com</li> </ul>	nes first)
Certification expiry date (if applicable)		
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,	Momolf	
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 knowledge the information contained in the certificate is true	MATTHEW CONN	
and correct.	· ·	mber 00007
	19-09-2019	<b>6</b> 800 <b>3</b> 7
	and a service of the contraction	
CoF vehicle inspector ID (if applicable)  CoF vehicle inspec	ctor signature (if applicable)  Date	

New Zealand Government Version No. 05/18 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



www.domett-trailers.co.nz

## Static Roll Threshold Compliance Certificate

Name of vehicle owner:

**Booths Transport Ltd** 

Address:

**SRT Compliance Certificate no:** 

S1064

Vehicle Identification No.(VIN):

7A9E20010K1023866

Vehicle chassis No:

1866

Current vehicle registration:

Type of vehicle:

**Full-Trailer** 

No of axles in front set:

2

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:

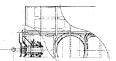
- At maximum load height of 4.3 metres, the maximum allowable gross mass is 33.2 tonnes.
- At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.21 metres. or (b) The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

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 b	e displayed on Certificate of Loading		
X1 = 4.3  metres  / Y1 =	= 33  tonnes; $Y2 = 35  tonnes / X2 = 4.2$	1 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:

63	Axle	Type Size:	Tyre Configuration:
		19.5	Dual
1940	2	19.5	Dual
Ī	3	19.5	Dual
Ī	<u> </u>	195	Dual
	5	19:50 CHO	Dual
14.3	222 (25 27 27 27 27 27 27 27 27 27 27 27 27 27		

Body Style is Standard

### Mass and Suspension Data:

Inputs	Front	Rear	
Gross mass (kg):	16000	19000	
Payload mass (kg):	2760	15120	
Tare mass (kg):	3240	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 Intraxx AANI, ZMD	Hendrickson Intraxx AANL ZMD	
Roll stiffness/axle (Nm/radia):	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: Momoly

Vehicle Inspector/Inspecting Organisation No MHC

SRT Compliance Certificate no:

Name: Matthew Connolly

Date: 19/9/2019

S1064

