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

Model (optional) 2019 D2501 H Log bolsters Towing connection	МНС	- ID -		INT IN CAPS)	tion's name (PRI	cting organisa			MATTHEW CO
Model (optoned) 2019 D2501 H  Certification category HVS2 Swept path  Certification of work  CERTIFY SRT - 4 AXLE FULL TRAILER  Component load rating(s)  X1 = 4.30 m / Y1 = 24t  Y2 = 32t / X2 = 3.91 m  LOAD TYPE: UNIFORM D  Supporting documents  SRT COMPLIANCE CERT # S1086  Special conditions (optonal)  AS ABOVE  Certification expiry date (d applicable)  Declaration  I the undersigned, declare that I am the heavy vehicle specialist inspector identified and I hold a current valid appointment. I 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.  Number 26-11-2019	1 91 01 4	nl 2l 3	K 1 1 C	ni 11 3			VIN/	nal)	icle registration (optional)
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CoF vehicle inspector ID (if applicable)  CoF vehicle inspector signature (if applicable)  Date			Date	applicable)	or signature (if a	ehicle inspecto	CoF ve	ID (if applicable)	CoF vehicle inspector ID (if

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:

D A Windle

Address:

**SRT Compliance Certificate no:** 

S1086

Vehicle Identification No.(VIN):

7A9D25013K1023904

Vehicle chassis No:

1904

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:

**9.755** 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 32 tonnes, the SRT is 0.32g 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 24.8 tonnes.

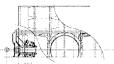
At maximum gross mass of 32 tonnes, the maximum allowable load height is 3.91 metres. or (b) The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)
32	3.91
31	3.96
30	4.01
29	4.06
28	4.1
27	4.16
26	4.22
25	4.28
24	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 = 24  tonnes; $Y2 = 32  tonnes / X2 = 3.91  metres$ .	

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	TyreSize:	Tyre Configuration:
	19.5	Dual
2	19.5	Dual
3	19.5	Dual
<u>/</u> 4	19.5	Dual

## Body Style is Standard

Mass and Suspension Data:

	Inputs	Front	Rear				
	Gross mass (kg):	16000	16000				
	Payload mass (kg):	13280	13620				
	Tare mass (kg):	2/20	2380				
	Average load bed height (m):	1.065					
	Average load height (m):	4.30					
	Suspension type:	User Defined	User Defined				
	Suspension track width (m):	0.940	0.940				
TEST	Lash (mm):	90	90				
E R. T. C. LLE	Suspension brand/model:	SAF Intradisc IU28- 2005RZ	SAF Intradisc IU28- 2005RZ				
	Roll stiffness/axle (Nm/radian):	1200000	1200000				
# EG	Spring stiffness/spring (N/m)	470000	470000				
-	Roll centre height from axle (m):	0.05	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: Mongely

Vehicle Inspector/Inspecting Organisation No MHC

SRT Compliance Certificate no:

Name: Matthew Connolly

Date: 26/11/2019

S1086

