

New Zealand Government

Heavy Vehicle Specialist Certificate

Must be presented to a Transport Service Delivery Agent Heavy Vehicle Specialist Inspector and Inspecting Organisation

Heavy Vehicle Specialist Inspector's or Manufacturing Inspecting O	Organisation's Name (PRINT IN CAPS)	BJS
	sis Number 9 D 2 O O 1 X A O O	023924
Towir	Load Anchorage ng Connection Brakes	Log Bolsters
Certification Category HVS 2 PBS	Stability PSV Rollover	Swept Path
Description of Work Certify SRT-5	axke full Trailer	
Code/Standard/Rule Certified to NZTA Rule 41001:2002 General Drawing Number(s) Supporting Documents	Component Load Rating(s) $X1 = 4 \cdot 25n / Y1 = 3$ $Y2 = 357 / X2 = 4$ $Load Type ! Unfo$	02m
SRT Compliance Cert Special Conditions* AS Above	# S 678	
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 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.	Inspector's Signature Inspector's Name (PRINT IN CAPS) Date Number	ID Number er 470948
CoF Vehicle Inspector ID CoF Vehicle In All fields excluding those marked with * must	Date be completed before this certificate can be ac	ccepted.

Form ID

LT400

Version No. 10/13

PHONE 07 575 5139

FAX 07 575 5137



www.domett-trailers.co.nz

Static Roll Threshold Compliance Certificate

Name of vehicle owner:

Address:

SRT Compliance Certificate no:

Vehicle Identification No.(VIN):

Vehicle chassis No:

Current vehicle registration:

Type of vehicle:

No of axles in front set:

2

Deck length of vehicle:

Maximum height of load or vehicle body:

Front suspension type:

Rear suspension type:

K&S Freighters ITD

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7A9D2001XA0023924

924

Full-Trailer

No of axles in rear set:

3

11.3 metres

4.25 metres

User Defined

User Defined

I. Bruce Sutton of Domett Truck and Trailer, PO Box 5215, Mt Maunganui 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 4.25 metres and a max. allowable gross mass of 35 tonnes, the SRT is 0.33g This vehicle fails to meet the minimum SRT standard of 0.35g, It will meet the standard if:

- At maximum load height of 4.25 metres, the maximum allowable gross mass is 30.8 tonnes.
- At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.02 metres.

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

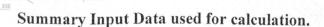
Gross Mass (tonnes)	Load Height (m)	
35 107 35 (6) (6)	4.02	
11000 34	4.07	
33	4.13	
32	4.17	
31	4.23	
9449 30	4.25	

Note: Calculated load heights greater than the legal limit of 4.25m have been set to 4.25m

Results of SRT test to be displayed on Certificate of Loading

X1 = 4.25 metres / Y1 = 30 tonnes; Y2 = 35 tonnes / X2 = 4.02 metres.

The type of test carried out to establish this rating was: LTSA SRT Calculator Version 1.32c



Tyre Data:

	Axle	Tyre Size:	Tyre Configuration:
		19.5	Dual
	2	19.5	Dual
	3	19.5	Dual
YE	/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):	12660	15080	
Tare mass (kg):	3340	3920	
Average load bed height (m):	1.08		
Average load height (m):	4.25		
Suspension type:	User Defined	User Defined	
Suspension track width (m):	0.94	0.94	
Lash (mm):	90-	90	
Suspension brand/model:	SAF Intradisc IU28/2005RZ	SAF Intradisc 1U28/2005RZ	
Roll stiffness/axle (Nm/radian):	1200000	1200000	
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:

Vehicle Inspector/Inspecting Organisation No BJS

SRT Compliance Certificate no:

Name: Bruce Sutton

Date: 6/1/2015

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