

New Zealand Government

Heavy Vehicle Specialist Certificate

Must be presented to a CoF (Heavy) Inspecting Organisation Heavy Vehicle Specialist Inspector and Inspecting Organisation

Version No. 11/14

Heavy Vehicle Specialist Inspector's or Manufacturing Inspecting Organisation's Name (PRINT IN CAPS) BRUCE SUTTON	BJS
Vehicle Registration* VIN/Chassis Number	
7A9E2001261	
Component being certified: Chassis Load Anchorag Towing Connection Brakes	USRT
PSV Stability PSV Rollover	Swept Path
Certification Category HVS 2 PBS	
Description of Work Cartify SRT- 5 axle full Tra	ile
Code/Standard/Rule Certified to Component Load Rating(s)	
N2TA 41001: 2002 X1= 4-25m/	
General Drawing Number(s) $\frac{12 = 35T / X}{Load Type ! U}$	
Supporting Documents	Density
SRT Compliance Cert # S817	
Special Conditions*	
As Abore	законоста сигна нафорфорфорфорфорформа свя си вина и поставля би бизока до трености.
Certification Expiry Date (if applicable) Or Hubodometer Reading (whichever the control of the	omes first)
Declaration Designer's ID (if different from inspected	r 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	ID Number
knowledge the information contained in the Certificate is true and correct. Date	lumber
8/9/2016	540087
CoF Vehicle Inspector ID CoF Vehicle Inspector Signature Date	
All fields excluding those marked with * must be completed before this certificate can	be accepted.

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:

Kiwi Trans

Address:

SRT Compliance Certificate no:

S817

Vehicle Identification No.(VIN):

7A9E20012G1023519

Vehicle chassis No:

1519

Current vehicle registration:

Type of vehicle:

Full-Trailer

No of axles in front set:

2

No of axles in rear set:

3

Deck length of vehicle:

12.35 metres

Maximum height of load or vehicle body:

4.25 metres

Front suspension type:

User Defined

Rear suspension type:

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 target of 0.35g. It will meet the standard if:

- (a) At maximum load height of 4.25 metres, the maximum allowable gross mass is 30.9 tonnes.
- or (b) At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.03 metres.

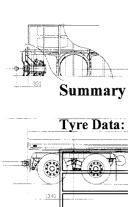
The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

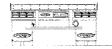
Gross Mass (tonnes)	Load Height (m)			
35	4.03			
34	4.07			
33	. 4.13			
32	4.17			
31	4.23			
30	4.25			

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; $Y2 = 35 tonnes / X2 = 4.03 metres$.	

The type of test carried out to establish this rating was: NZTA SRT Calculator Version 2.01c





Summary Input Data used for calculation.

			E
(S)	Axle	TyreSize:	Tyre Configuration:
		19.5	Dual 15000
40	2 5910	19.5	Dual
	3	19.5	Dual
_	4	19.5	Dual
	5	19500	Dual
<i>207</i> ;		Course Course Course	, ,

Body Style is Standard

Mass and Suspension Data:

	1871 - 19	- Asi					
_[Inputs		Front		Rear		
	Gross mass (kg):		16000		19000		
	Payload mass (kg):		12700		15020		
	Tare mass (kg):		3300		3980		
	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:	L_ 💝	ntradisc IU2 2005RZ	28-	SAF Intradisc 1U28- 200SRZ		
	Roll-stiffness/axle (Nm/radian):		1200000		1200000		
	Spring stiffness/spring (N/m):		470000		470000		
İ	Roll centre height from axle (m):		0.05		0.05		
Ŀ							

I certify that I am a vehicle inspector appointed under section 2 of Land Transport Rules 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

Compliance Certificate no

Name: Bruce Sutton

Date: 8/9/2016

S8T7

