

Heavy Vehicle Specialist Certificate

Heavy Vehicle Specialist Inspector and Inspecting Organisation

Version No. 01/09

Vehicle Registration*	SUTTON VIN / Chass	ic Number	10B JS
venicle negistration		9 E 2 0 0 1 C	D102315
Component being certified:			d Anchorage Log Bols
Certification Category HVS 2	Towi	ng Connection Brai	KES LISRT
Description of Work Ce	tily SRT -	5axle full	trailer
Code/Standard Certified to	41001:2002	Component Load Rat	ing(s) 1 /41= 32 tonnes
General Drawing Number(s)		12= 35 to	une/x2 = 3.99m Uniform Density
Supporting Documents	SRT Come	Dhane Cet	
			# 3547
Special Conditions	As Above.		+ 35 + 1
	As Above.	OF Hubodometer Reading	
Certification Expiry Date (if ap) Declaration I the undersigned, declare the	AS Above.		(whichever comes first)
Declaration I the undersigned, declare the Specialist Inspector identifie appointment. I certify that the second control of the sec	plicable) nat I am the Heavy Vehicle d above and I hold a current valid he above mentioned vehicle	Or Hubodometer Reading	(whichever comes first)
Declaration I the undersigned, declare the Specialist Inspector identified appointment. I certify that the component's design, manufacertification complies in all in the certification complies in all in the certification.	plicable) nat I am the Heavy Vehicle d above and I hold a current valid he above mentioned vehicle acture and installation, and this respects with the Land Transport	Or Hubodometer Reading Designer's ID (if certified	I (whichever comes first) I by a manufacturer) s Signature
I the undersigned, declare the Specialist Inspector identifies appointment. I certify that the component's design, manufacertification complies in all I Rule Vehicle Standards Comp	plicable) nat I am the Heavy Vehicle d above and I hold a current valid he above mentioned vehicle acture and installation, and this respects with the Land Transport pliance 2002 and my Deed of my knowledge the information	Designer's ID (if certified	I (whichever comes first) I by a manufacturer) s Signature

PHONE 07 575 5139 07 575 5137



www.domett-trailers.co.nz

Static Roll Threshold Compliance Certificate

Name of vehicle owner:

Emmerson Transport LTD

Address:

SRT Compliance Certificate no:

S549

Vehicle Identification No.(VIN):

7A9E20010D1023157

Vehicle chassis No:

1157

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:

11.15 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 4.15 metres and a max. allowable gross mass of 35 tonnes, the SRT is 0.34g This vehicle fails to meet the minimum SRT standard of 0.35g. It will meet the standard if:

- At maximum load height of 4.15 metres, the maximum allowable gross mass is 32.1 tonnes.
- or (b) At maximum gross mass of 35 tonnes, the maximum allowable load height is 3.99 metres.

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

Gross Mass (tonnes)	Load Height (m)
35	3.99
34	4.05
33	4.09
32	4.14

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 = 4.15 metres / Y1 = 32 tonnes; $Y2 = 35 tonnes / X2 = 3.99 metres$.	

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

Summary Input Data used for calculation.

Tyre Data:

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Axle	Tyre Size:	Tyre Configuration:
1	19.5	Dual
2	19.5	Dual
3	19.5	Dual
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):	12880	14980
Tare mass (kg):	3120	4020
Average load bed height (m):	1.09	
Average load height (m):	4.15	
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.98	0.98
Lash (mm):	100	100
Suspension brand/model:	BPW AMT-0004NZ	BPW-AMT-0004NZ
Roll stiffness/axle (Nm/radian):	1156831	1156831
Spring stiffness/spring (N/m):	150000	150000
Roll centre height from axle (m):	0.071	0.071

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:

Name: Bruce Sutton

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Vehicle Inspector/Inspecting Organisation No BJS Date: 3/5/2013

SRT Compliance Certificate no:

S549