

Heavy Vehicle Specialist Certificate

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

Version No. 08/14

Heavy Vehicle Specialist Inspector's or Manufacturing Inspecting BRUCE SUTTON	g Organisation's Name (PRINT IN CAPS) BJS.
	9E20011F1023381
Component being certified:	Assis Modification Load Anchorage Log Bolsters
Tow	ving Connection Brakes SRT
Certification Category PSV PBS	/ Stability PSV Rollover Swept Path
Description of Work Ceta SRT-	5 axle full Tailer
Supporting Documents SRT Complance Ce	X1=4.25m/41=30T 42=35T/X2=4.01m Load Type Uniform Deneity # \$710
As Above	
Certification Expiry Date (if applicable) Declaration	Or Hubodometer Reading (whichever comes first) Designer's ID (if different from inspector below)
I the undersigned, declare that I am the Heavy Vehicle Specialis Inspector identified and I hold a current valid appointment. 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 Standard: Compliance 2002 and my Appointment. To the best of my knowledge the information contained in the Certificate is true and correct.	Inspector's Name (PRINT IN CAPS) ID Number
Con venicle inspector is	Date Date Date Date

Form ID

New Zealand Government

LT400

PHONE 07 575 5139 07 575 5137 FAX



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:

Seamount Group

S710

7A9E20011F1023381

1381

Full-Trailer

No of axles in rear set:

3

11.2 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 30.6 tonnes.
- At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.01 metres.

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

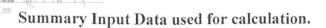
Gross Mass (tonnes)	Load Height (m)		
35	4.01		
11000 34	4.06		
33	4.11		
32	4.16		
18449 31	4.21		
30	4.25		

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 = 4.01 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
4	195	Dual
5	19.5	Dual

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear	
Gross mass (kg):	16000	19000	
Payload mass (kg):	12920	-15040	
Tare mass (kg):	3080	3960	
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 IU28/2005RZ	
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: 19/5/2015

S710

