

Heavy Vehicle Specialist Certificate

Heavy Vehicle Specialist Inspector and Inspecting Organisation

Version No. 01/09

Heavy Vehicle Specialist Inspector's Name (PRINT) BRUCE SUTT				BJS
Vehicle Registration*	VIN / Chassis Nu		23B0	023936
Component being certified: Certification Category HVS 2	Marie Hall	odification		Log Bolsters SRT
Description of Work Certify	SRT- 4	axle	Semi .	Trailer
Code/Standard Certified to N2TA Rule 41001: 200 General Drawing Number(s) Supporting Documents SRT Comp			25m / + Tonne /	Y1 = 22 Tonnes X2 = 4.16m.
*Special Conditions As Above				
Declaration I the undersigned, declare that I am the Heavy Specialist Inspector identified above and I hold appointment. I certify that the above mention component's design, manufacture and installa certification complies in all respects with the Rule Vehicle Standards Compliance 2002 and Appointment. To the best of my knowledge the contained in this Certificate is true and correct	d a current valid ed vehicle tion, and this Land Transport my Deed of e information	Designer's ID (iii	Nı	re umber
COF Vehicle Inspector ID:	COF Vehicle Inspec		Date	342621

Form ID

New Zealand Government

LT400

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: S426

Vehicle Identification No.(VIN): 7A9D15023B0023936

Vehicle chassis No: 936

Current vehicle registration:

Type of vehicle: Semi-Trailer

No of axles in front set: 0 No of axles in rear set: 4

Deck length of vehicle: 15.16 metres

Maximum height of load or vehicle body: 4.25 metres

Front suspension type: none

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 Uniform density Description: Assumes load mass is centred midway type: Vertically between load bed and load height.

At a max, load height of 4.25 metres and a max, allowable gross mass of 24 tonnes, the SRT is 0.34g. This vehicle fails to meet the minimum SRT standard of 0.35g. It will meet the standard if:

- (a) At maximum load height of 4.25 metres, the maximum allowable gross mass is 22.9 tonnes.
- or (b) At maximum gross mass of 24 tonnes, the maximum allowable load height is 4.16 metres.

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

Gross Mass (tonnes)	Load Height (m)
24	4.16
23	4.23
22	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 = 22 tonnes; $Y2 = 24 tonnes / X2 = 4.16 metres$.	

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:

Axle	Tyre Size:	Tyre Configuration:
	19.5	Dual
2	19.5	Dual
3	19.5	Dual
/\4_	19.5	Dual

Body Style is Standard

Mass and Suspension Data:

Inputs	Rear
Gross mass (kg):	24000
Payload mass (kg):	18060
Tare mass (kg):	5940
Average load bed height (m):	1.31
Average load height (m):	4.25
Suspension type:	User Defined
Suspension track width (m):	0.92
Lash (mm):	110
Suspension brand/model:	ROR FL9000NB-325
Roll stiffness/axle (Nm/radian):	1014854
Spring stiffness/spring (N/m):	178000
Roll centre height from axle (m):	0.115

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

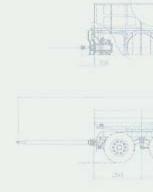
Signed:

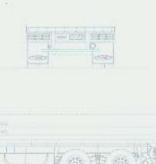
Name: Bruce Sutton Date: 28/1/2011

Vehicle Inspector/Inspecting Organisation No BJS

SRT Compliance Certificate no:

S426





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