

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 BRUCE S				BJS
/ehicle Registration*		1 / Chassis Number 7 A 9 C 2 0 C	039010	23196
Component being certified:		Chassis Modification	Load Anchorage	Log Bolsters
		Towing Connection	Brakes	SRT
		PSV Stability	PSV Rollover	Swept Path
Certification Category		PBS		
Description of Work Ce-A	Cy SRT-	- 3 axle B	- Tain - Front	Unit
			>	
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ode/Standard Certified to NZTA Rule 41001:	1.00		nt Load Rating(s) 4-25-n /1=19T	
V2 VT PU 41001.	2000		The same of the sa	
		X2 = 1	197 NO= 4.25	
deneral Drawing Number(s)	Cot # 9	Load 7	Type Uniform I Unit Sep	/
SRT Compliance	Cet # S Cet # S	Load 7	Type Uniform I	/
Supporting Documents SRT Compliance SRT Compliance SRT Compliance	Cet # 9 Cet # 9 Above	Load 7	Type Uniform I	/
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LT400

PHONE 07 575 5139 07 575 5137



www.domett-trailers.co.nz

Static Roll Threshold Compliance Certificate

Name of vehicle owner:

Freightlines Limited

Address:

SRT Compliance Certificate no:

S578A

Vehicle Identification No.(VIN);

*7A9C20039D1023196

Vehicle chassis No:

1196

Current vehicle registration:

Type of vehicle:

Semi-Trailer

No of axles in front set:

No of axles in rear set:

Deck length of vehicle:

8.19 metres

Maximum height of load or vehicle body:

4.25 metres

Front suspension type:

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 vertically between load bed and load height.

At a max. load height of 4.25 metres and a max. allowable gross mass of 19 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 4.25 metres, the maximum allowable gross mass is 16.9 tonnes.
- or (b) At maximum gross mass of 19 tonnes, the maximum allowable load height is 4.05 metres.

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

Gross Mass (tonnes)	Load Height (m)
19	4.05
18	4.14
17	4.22
16	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
Ĭ	X1 = 4.25 metres / Y1 = 16 tonnes; $Y2 = 19 tonnes / X2 = 4.05 metres$.

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:
1	19.5	Dual
2	19.5	Dual
3	19.5	Dual

Body Style is Step deck

Inputs	Front	Rear
Load bed height (m):	1.43	1.10
Deck length (m):	4.11	4,08

Mass and Suspension Data:

Inputs	Rear
Gross mass (kg):	19000
Payload mass (kg):	15300
Tare mass (kg):	3700
Average load bed height (m):	1.27
Average load height (m):	4.25
Suspension type:	User Defined
Suspension track width (m):	0.94
Lash (mm):	90
Suspension brand/model:	SAF INTRADISC IU25/2000RZ
Roll stiffness/axle (Nm/radian):	1200000
Spring stiffness/spring (N/m):	470000
Roll centre height from axle (m):	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 fattotto 又的电影中(1

Name: Bruce Sutton

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Vehicle Inspector/Inspecting Organisation No BJS Date: 13/11/2013

SRT Compliance Certificate no:

S578A

DOMETT TRUCK & TRAILER LTD **Hewletts Road** PO Box 5215 Mount Maunganui **NEW ZEALAND**

PHONE 07 575 5139 07 575 5137



www.domett-trailers.co.nz

Static Roll Threshold Compliance Certificate

Name of vehicle owner:

Freightlines Limited

Address:

SRT Compliance Certificate no:

S578B (with rear unit attached)

Vehicle Identification No.(VIN):

7A9C20039D1023196

Vehicle chassis No:

1196

Current vehicle registration:

Type of vehicle:

Semi-Trailer

No of axles in front set:

No of axles in rear set: 3

Deck length of vehicle:

8.19 metres

Maximum height of load or vehicle body:

4.25 metres

Tront 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

type:

Uniform

Description: Assumes load mass is centred midway density vertically between load bed and load

height.

At a max, load height of 4.25 metres and a max, allowable gross mass of 19 tonnes, the SRT is

This vehicle meets or exceeds the minimum SRT standard of 0.35g.

Results of SRT test to be displayed on Certificate of Loading

4 (0)

X1 = 4.25 metres / Y1 = 19 tonnes; Y2 = 19 tonnes / X2 = 4.25 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:
1	19.5	Dual
2	19.5	Dual
3	19.5	Dual

Body Style is Step deck

Inputs	Front	Rear
Load bed height (m):	1.43	1.10
Deck length (m):	4.11	4.08

Mass and Suspension Data:

Inputs	Rear
Gross mass (kg):	19000
Payload mass (kg):	13840
Tare mass (kg):	5160
Average load bed height (m):	1.27
Average load height (m):	4.25
Suspension type:	User Defined
Suspension track width (m):	0.94
Lash (mm):	90
Suspension brand/model:	SAF INTRADISC IU25/2000RZ
Roll stiffness/axle (Nm/radian):	1200000
Spring stiffness/spring (N/m):	470000
Roll centre height from axle (m):	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

显微重态"7

Date: 13/11/2013

S578B (with rear unit

attached)