



# 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 Name (PRINT IN CAPS)

BRUCE SUTTON

ID

BJS

Vehicle Registration\*

VIN / Chassis Number

7A9C20024D1023193

Component being certified:

- Chassis Modification
- Load Anchorage
- Log Bolsters
- Towing Connection
- Brakes
- SRT
- PSV Stability
- PSV Rollover
- Swept Path
- PBS

Certification Category

HVS2

Description of Work

Certify SRT - 3 axle Semi trailer

Code/Standard Certified to

MZTA Rule 41001:2002

Component Load Rating(s)

X1 = 4.25m / Y1 = 19T

Y2 = 19T / X2 = 4.25m

General Drawing Number(s)

Load Type Uniform Density

Supporting Documents

SRT Compliance Cert # S568

\*Special Conditions

As Above

Certification Expiry Date (if applicable)

OR Hubodometer Reading (whichever comes first)

### Declaration

I the undersigned, declare that I am the Heavy Vehicle Specialist Inspector identified above 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 Deed of Appointment. To the best of my knowledge the information contained in this Certificate is true and correct.

Designer's ID (if certified by a manufacturer)

Inspector's / Delegate's Signature

\*Delegate's/Inspector's Name (PRINT IN CAPS)

ID number

Date

30/9/2013

Number

445105

COF Vehicle Inspector ID:

COF Vehicle Inspector Signature:

Date

All fields excluding those marked with \* must be completed before this certificate can be accepted.



## Static Roll Threshold Compliance Certificate

Name of vehicle owner: Freightlines Ltd  
Address:  
SRT Compliance Certificate no: S568  
Vehicle Identification No.(VIN): 7A9C20024DI023193  
Vehicle chassis No: 1193  
Current vehicle registration:  
Type of vehicle: Semi-Trailer  
No of axles in front set: 0 No of axles in rear set: 3  
Deck length of vehicle: 9.3 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 type:	Uniform density	Description: Assumes load mass is centred midway vertically between load bed and load height.
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At a max. load height of 4.25 metres and a max. allowable gross mass of 19 tonnes, the SRT is 0.35g

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

Results of SRT test to be displayed on Certificate of Loading

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 Standard**

**Mass and Suspension Data:**

Inputs	Rear
Gross mass (kg):	19000
Payload mass (kg):	14900
Tare mass (kg):	4100
Average load bed height (m):	1.14
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: 

Name: **Bruce Sutton**

Vehicle Inspector/Inspecting Organisation No  
**BJS**

Date: **30/9/2013**

SRT Compliance Certificate no:

S568