

Heavy Vehicle Specialist Certificate

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

Heavy Vehicle Specialist Inspector's or Manufacturing Inspecting Organisation's Name (PRINT IN CAPS)

BRUCE SUTTON

ID

BJS

Vehicle Registration*

VIN/Chassis Number

7A9E70015F1023384

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-5 axle full Trailer

Code/Standard/Rule Certified to

NZTA Rule 41001 : 2002

Component Load Rating(s)

X1=3.54m / Y1=35T

Y2=35T / X2=3.54m

Load Type: Uniform Density

General Drawing Number(s)

Supporting Documents

SRT Compliance Cert # S703

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 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 Appointment. To the best of my knowledge the information contained in the Certificate is true and correct.

Designer's ID (if different from inspector below)

Inspector's Signature

Bruce Sutton

Inspector's Name (PRINT IN CAPS)

ID Number

Date

1/4/2015

Number

498923

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:

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:

S703

7A9E70015F1023384

1384

Full-Trailer

No of axles in rear set: 3

8.3 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	Other	Description: Uses a certifier calculated value for the payload Cg height.
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At a max. load height of 3.54 metres and a max. allowable gross mass of 35 tonnes, the SRT is 0.36g

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

Results of SRT test to be displayed on Certificate of Loading

X1 = 3.54 metres / Y1 = 35 tonnes ; Y2 = 35 tonnes / X2 = 3.54 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
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):	13160	14980
Tare mass (kg):	2840	4020
Average load bed height (m):	n/a	
Average load height (m):	3.54	
Payload Cg height(m):	2.47	
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.94	0.94
Lash (mm):	90	90
Suspension brand/model:	SAF Intradisc IU35/3010RZ	SAF Intradisc IU35/3010RZ
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: **1/4/2015**

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