

# 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

**7A9E20013F1023334**

Component being certified:

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

Certification Category

**HVS 2**

Description of Work

**Certify SRT- 5axle full Trailer**

Code/Standard/Rule Certified to

**NZTA Rule 41001:2002**

Component Load Rating(s)

**X1 = 4.25m / Y1 = 35T**  
**Y2 = 35T / X2 = 4.25m**  
**Load Type: Uniform Density**

General Drawing Number(s)

Supporting Documents

**SRT Compliance Cert # S693**

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

Number

**28/2/2015**

**498913**

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:

Tauhara Haulage

Address:

SRT Compliance Certificate no:

S693

Vehicle Identification No.(VIN):

7A9E20013F1023334

Vehicle chassis No:

1334

Current vehicle registration:

Type of vehicle:

Full-Trailer

No of axles in front set: 2

No of axles in rear set: 3

Deck length of vehicle:

11.19 metres

Maximum height of load or vehicle body:

4.25 metres

Front suspension type:

User Defined

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 35 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 = 35 tonnes ; Y2 = 35 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
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):	12340	14640
Tare mass (kg):	3660	4360
Average load bed height (m):	1.10	
Average load height (m):	4.25	
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.98	0.98
Lash (mm):	104	104
Suspension brand/model:	ROR CS9	ROR CS9
Roll stiffness/axle (Nm/radian):	2197000	2197000
Spring stiffness/spring (N/m):	128000	128000
Roll centre height from axle (m):	0.035	0.035

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: **26/2/2015**

SRT Compliance Certificate no:

**S693**