

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

7A9C20024F1023374

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- 3 axle Semi trailer - Rear unit
B-Train**

Code/Standard/Rule Certified to

NZTA Rule 41001:2002

Component Load Rating(s)

X1 = 4.25m / Y1 = 19T

Y2 = 19T / X2 = 4.25m

Load Type: Uniform Density

General Drawing Number(s)

Supporting Documents

SRT Compliance Cert # S709

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

18/5/2015

Number

498929

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:

Talleys Group Ltd

Address:

SRT Compliance Certificate no:

S709

Vehicle Identification No.(VIN):

7A9C20024F1023374

Vehicle chassis No:

1374

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:

9.9 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.

At a max. load height of 4.25 metres and a max. allowable gross mass of 19 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 = 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):	14480
Tare mass (kg):	4520
Average load bed height (m):	1.13
Average load height (m):	4.25
Suspension type:	User Defined
Suspension track width (m):	0.98
Lash (mm):	100
Suspension brand/model:	BPW AMT-0004NZ
Roll stiffness/axle (Nm/radian):	1465809
Spring stiffness/spring (N/m):	150000
Roll centre height from axle (m):	0.088

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
BJ5

Date: **18/5/2015**

SRT Compliance Certificate no:

S709