

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 or Manufacturing Inspecting Organisation's Name (PRINT IN CAPS)

BRUCE SUTTON

ID
BJS

Vehicle Registration*

VIN/Chassis Number

7A9D70014E1023287

Component being certified:

- | | | |
|---|---|---|
| <input type="checkbox"/> Chassis Modification | <input type="checkbox"/> Load Anchorage | <input type="checkbox"/> Log Bolsters |
| <input type="checkbox"/> Towing Connection | <input type="checkbox"/> Brakes | <input checked="" type="checkbox"/> SRT |
| <input type="checkbox"/> PSV Stability | <input type="checkbox"/> PSV Rollover | <input type="checkbox"/> Swept Path |
| <input type="checkbox"/> PBS | | |

Certification Category

HVS 2

Description of Work

Certify SRT - 4 axle full trailer

Code/Standard/Rule Certified to

NZTA Rule 41001:2002

Component Load Rating(s)

X1 = 3.54m / Y1 = 30T

Y2 = 30T / X2 = 3.54m

Load Type: other (VDL Payload)

General Drawing Number(s)

Supporting Documents

SRT Compliance Cert # S640

Special Conditions*

As Above

Certification Expiry Date (if applicable)

or Hubodometer Reading (whichever comes first)

[Empty field]

[Empty field]

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)

[Empty field]

Inspector's Signature

[Signature]

Inspector's Name (PRINT IN CAPS)

ID Number

[Empty field]

Date

Number

23/6/2014

470910

CoF Vehicle Inspector ID

CoF Vehicle Inspector Signature

Date

[Empty field]

[Empty field]

[Empty field]

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:

S640

Vehicle Identification No.(VIN):

7A9D70014E1023287

Vehicle chassis No:

1287

Current vehicle registration:

Type of vehicle:

Full-Trailer

No of axles in front set: 2

No of axles in rear set: 2

Deck length of vehicle:

7.33 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 Other Description: Uses a certifier calculated value for the payload Cg height.

At a max. load height of 3.54 metres and a max. allowable gross mass of 30 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 = 30 tonnes ; Y2 = 30 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

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	15000	15000
Payload mass (kg):	12240	11900
Tare mass (kg):	2760	3100
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: _____



Name: **Bruce Sutton**

Vehicle Inspector/Inspecting Organisation No
BJS

Date: **25/6/2014**

SRT Compliance Certificate no:

S640