



Heavy Vehicle Specialist Certificate

Heavy Vehicle Specialist Inspector and Inspecting Organisation

Heavy Vehicle Specialist Inspector's Name (PRINT IN CAPS)

BRUCE SUTTON

ID

BJJ

Vehicle Registration*

VIN / Chassis Number

7A9C20026C1023033

Component being certified:

Chassis Modification

Load Anchorage

Log Bolsters

Towing Connection

Brakes

SRT

Certification Category

HVS2

Description of Work

Certify SRT- 3 axle Semi trailer

Code/Standard Certified to

NZTA 41001 : 2002

Component Load Rating(s)

X1 = 4.25m / Y1 = 19 Tonnes

Y2 = 19 tonnes / X2 = 4.25m

General Drawing Number(s)

Supporting Documents

SRT Compliance Cert # S478

*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 Name (PRINT IN CAPS)

Date

21/3/2012

Number

379926

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: S478

Vehicle Identification No.(VIN): 7A9C20026C1023033

Vehicle chassis No: 1033

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: 9.15 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):	15120
Tare mass (kg):	3880
Average load bed height (m):	1.12
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
BJ5

Date: **21/3/2012**

SRT Compliance Certificate no:

S478