



Heavy Vehicle Specialist Certificate

Heavy Vehicle Specialist Inspector and Inspecting Organisation

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

BRUCE SUTTON

ID

BJS

Vehicle Registration*

VIN / Chassis Number

7A9E38116D1023142

Component being certified:

- Chassis Modification
- Load Anchorage
- Log Bolsters
- Towing Connection
- Brakes
- SRT

Certification Category

HVS 2

Description of Work

Certify SRT- 5 axle full trailer

Code/Standard Certified to

NZTA Rule 41001:2002

Component Load Rating(s)

X1=4.25m / Y1=35 tonnes

Y2=35 tonnes / X2=4.25m

Load type: Uniform Density.

General Drawing Number(s)

Supporting Documents

SRT Compliance Cert # S552.

*Special Conditions

As Above.

Certification Expiry Date (if applicable)

or

Hubodometer Reading (whichever comes first)

[Empty boxes for hubodometer reading]

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

[Signature]

*Delegate's Name (PRINT IN CAPS)

Date

12/06/2013

Number

419041

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: **TD Haulage Ltd**
Address: **100 Newton Road, Mount Maunganui**
SRT Compliance Certificate no: **S552**
Vehicle Identification No.(VIN): **7A9E38116D1023142**
Vehicle chassis No: **1142**
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: **10.0 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 0.37g

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	22.5	Wide Single
4	22.5	Wide Single
5	22.5	Wide Single


Body Style is Step deck

Inputs	Front	Rear
Load bed height (m):	1.15	1.03
Deck length (m):	3.7	6.3

Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	16000	19000
Payload mass (kg):	12260	15480
Tare mass (kg):	3740	3520
Average load bed height (m):	1.07	
Average load height (m):	4.25	
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.98	1.20
Lash (mm):	104	104
Suspension brand/model:	ROR CS9L	ROR CS9L
Roll stiffness/axle (Nm/radian):	2197000	2690000
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: 
 Vehicle Inspector/Inspecting Organisation No
BJS
 SRT Compliance Certificate no:

Name: **Bruce Sutton**

Date: **12/6/2013**

S552