



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

7A9D50020D1023182

Component being certified:

Chassis Modification

Load Anchorage

Log Bolsters

Certification Category

HVS2

Towing Connection

Brakes

SRT

Description of Work

Certify SRT - 4 axle Semi-trailer

Code/Standard Certified to

NZTA Rule 41001:2002

Component Load Rating(s)

X1 = 4.25m / Y1 = 30 tonnes

Y2 = 30 tonnes / X2 = 4.25m

Load type: Uniform Density

General Drawing Number(s)

Supporting Documents

SRT Compliance Cert # S557

*Special Conditions

As Above

Certification Expiry Date (if applicable)

OR

Hubodometer Reading (whichever comes first)

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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

2/8/2013

Number

419046

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: **Mondiale Freight Services Ltd**

Address:

SRT Compliance Certificate no: **S557**

Vehicle Identification No.(VIN): **7A9D50020D1023182**

Vehicle chassis No: **1182**

Current vehicle registration:

Type of vehicle: **Semi-Trailer**

No of axles in front set: **0** No of axles in rear set: **4**

Deck length of vehicle: **13.75 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 30 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 = 30 tonnes ; Y2 = 30 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	22.5	Wide Single
2	22.5	Wide Single
3	22.5	Wide Single
4	22.5	Wide Single

Body Style is Standard

Mass and Suspension Data:

Inputs	Rear
Gross mass (kg):	30000
Payload mass (kg):	25440
Tare mass (kg):	4560
Average load bed height (m):	1.315
Average load height (m):	4.25
Suspension type:	User Defined
Suspension track width (m):	1.145
Lash (mm):	90
Suspension brand/model:	SAF INTRADISC IU25-2000RB
Roll stiffness/axle (Nm/radian):	1725000
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: 

Vehicle Inspector/Inspecting Organisation No
BJS

SRT Compliance Certificate no:

Name: **Bruce Sutton**

Date: **2/8/2013**

S557