



# 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

7A9D20016B1023012

Component being certified:

Chassis Modification

Load Anchorage

Log Bolsters

Certification Category

HVS2

Towing Connection

Brakes

✓ SRT

Description of Work

Certify SRT- 4 axle full trailer



Code/Standard Certified to

NZTA Rule 41001 : 2002

Component Load Rating(s)

X1 = 4.25m / Y1 = 32 tonnes

Y2 = 32 tonnes / X2 = 4.25m

General Drawing Number(s)

Supporting Documents

SRT Compliance Cert # S458

\*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

21/11/2011

Number

379909

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:** Turners & Growers Fresh Ltd  
**Address:**  
**SRT Compliance Certificate no:** S458  
**Vehicle Identification No.(VIN):** 7A9D20016B1023012  
**Vehicle chassis No:** 1012  
**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:** 10.15 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.

At a max. load height of 4.25 metres and a max. allowable gross mass of 32 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 = 32 tonnes ; Y2 = 32 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
4	19.5	Dual

Body Style is Standard

### Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	16000	16000
Payload mass (kg):	12560	12640
Tare mass (kg):	3440	3360
Average load bed height (m):	1.11	
Average load height (m):	4.25	
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.98	0.98
Lash (mm):	104	104
Suspension brand/model:	ROR CS9	ROR CS9
Roll stiffness/axle (Nm/radian):	2197000	2197000
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: 

Name: **Bruce Sutton**

Vehicle Inspector/Inspecting Organisation No  
**BJS**

Date: **21/11/2011**

SRT Compliance Certificate no:

S458