

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

7A9D50028E1023257

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

HVS2

Description of Work

Certify SRT- 4 axle skeletal Semi trailer

Code/Standard/Rule Certified to

NZTA Rule 41001: 2002

Component Load Rating(s)

X1 = 4.25m / Y1 = 29T

Y2 = 29T / X2 = 4.25m

Load Type: Uniform Density

General Drawing Number(s)

Supporting Documents

SRT Compliance Cert # S635

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 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)

Inspector's Signature

Inspector's Name (PRINT IN CAPS)

ID Number

Date

Number

30/5/14

470906

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: Open Country Dairy Ltd
Address:
SRT Compliance Certificate no: S635
Vehicle Identification No.(VIN): 7A9D50028E1023257
Vehicle chassis No: 1257
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: 13.7 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 29 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 = 29 tonnes ; Y2 = 29 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):	29000
Payload mass (kg):	24700
Tare mass (kg):	4300
Average load bed height (m):	1.33
Average load height (m):	4.25
Suspension type:	User Defined
Suspension track width (m):	1.145
Lash (mm):	90
Suspension brand/model:	SAF Intradisc IU25-2005RB
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: **30/5/2014**
 S635