

Heavy Vehicle Specialist Certificate

Heavy Vehicle Specialist Inspector and Inspecting Organisation

| Heavy Vehicle Specialist Inspector's Name (PRINT IN CAPS) BRUCE SUTTON | BJS |
|---|---|
| Vehicle Registration* VIN / Chassis N 7 A 9 1 | lumber D3101390023858 |
| Component being certified: Chassis N | Modification Load Anchorage Log Bolsters |
| Certification Category HVS2 | Connection Brakes SRT |
| Description of Work Certify SRT- 40 | axle full trailer |
| | |
| | |
| Code/Standard Certified to | Component Load Rating(s) |
| NZTA 41001: 2002 | X1 = 4.25 m / Y1 = 25 T |
| General Drawing Number(s) | 12= 30T / X2= 3.96m |
| Supporting Documents Compliance Cert # S | 398 |
| *Special Conditions As Abare | |
| Certification Expiry Date (if applicable) | Hubodometer Reading (whichever comes first) |
| Declaration | Designer's ID (if certified by a manufacturer) |
| I the undersigned, declare that I am the Heavy Vehicle Specialist Inspector identified above and I hold a current | Inspector's / Delegate's Signature |
| valid appointment. I certify that the above mentioned vehicle component's design, manufacture and installation, | Brut |
| and this certification complies in all respects with the Land Transport Rule Vehicle Standards Compliance 2002 and my | *Delegate's Name (PRINT IN CAPS) |
| Deed of Appointment. To the best of my knowledge the | Date Number |
| information contained in this Certificate is true and correct. | 13/01/2010 312245 |
| COF Vehicle Inspector ID: COF Vehicle Inspec | ctor Signature: Date |
| All fields excluding those marked with * must be co | ompleted before this certificate can be accepted. |

Form ID

New Zealand Government

LT400

Version No. 08/08

PHONE 07 575 5139 07 575 5137



www.domett-trailers.co.nz

Static Roll Threshold Compliance Certificate

Name of vehicle owner:

Address:

SRT Compliance Certificate no:

Vehicle Identification No.(VIN):

Vehicle chassis No:

Current vehicle registration:

Type of vehicle:

No of axles in front set:

Deck length of vehicle:

Maximum height of load or vehicle body:

Front suspension type:

Rear suspension type:

Pokuru Farms LTD

294 Pokuru Road, Atiamuri

7A9D3101390023858

858

Full-Trailer

No of axles in rear set:

8.82 metres

4.25 metres

User Defined

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 0.33g This vehicle fails to meet the minimum SRT standard of 0.35g. It will meet the standard if:

- At maximum load height of 4.25 metres, the maximum allowable gross mass is 25.3 tonnes.
- At maximum gross mass of 30 tonnes, the maximum allowable load height is 3.96 metres.

The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

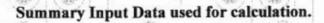
| Gross Mass (tonnes) | Load Height (m) | |
|---------------------|-----------------|--|
| 30 | 3.96 | |
| 29 | 4.02 | |
| 28 | 4.07 | |
| 27 | 4.13 | |
| 26 | 4.19 | |
| 25 | 4.25 | |

Note: Calculated load heights greater than the legal limit of 4.25m have been set to 4.25m

Results of SRT test to be displayed on Certificate of Loading

X1 = 4.25 metres / Y1 = 25 tonnes; Y2 = 30 tonnes / X2 = 3.96 metres.

The type of test carried out to establish this rating was: LTSA SRT Calculator Version 1.32c



Tyre Data:

| Axle | Tyre Size: | Tyre Configuration: |
|--|------------|---------------------|
| The state of the s | 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): | 15000 | 15000 |
| Payload mass (kg): | 12100 | 12100 |
| Tare mass (kg): | 2900 | 2900 |
| Average load bed height (m): | 1.16 | |
| Average load height (m): | 4.25 | |
| Suspension type: | User Defined | User Defined |
| Suspension track width (m): | 0.94 | 0.94 |
| Lash (mm): | 90 | 90 |
| Suspension brand/model: | SAF IU28-2005RZ | SAF IU28-2005RZ |
| Roll stiffness/axle (Nm/radian): | 1200000 | 1200000 |
| Spring stiffness/spring (N/m): | 470000 | 470000 |
| Roll centre height from axle (m): | 0.05 | 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: 13/1/2010

S398

