

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name (PRINT IN CAPS) **BRUCE SUTTON** ID **BJS**

Vehicle registration (optional) VIN/chassis number **7A9D50021H1023606**

Make **Domett** Component being certified: Chassis Load anchorage

Model (optional) **D5002** Log bolsters Towing connection Brakes

Certification category **HVS2** SRT PSV stability PSV rollover
 Swept path PBS

Description of work **Certify SRT - 4 axle Semi trailer**

Code/standard/rule certified to **NZTA Rule 41001: 2016** Component load rating(s) **X1 = 4.3m / Y1 = 24T**

General drawing number(s) **Y2 = 24T / X2 = 4.3m**
Load Type: Uniform Density

Supporting documents **SRT Compliance Cert # S1000**

Special conditions (optional) **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 **Bruce Sutton**

Inspector's name (PRINT IN CAPS) **Bruce Sutton** ID number **BJS**

Date **13/12/2018** Number **656475**

CoF vehicle inspector ID (if applicable) CoF vehicle inspector signature (if applicable) Date

All fields are mandatory unless otherwise stated.

DOMETT TRUCK & TRAILER LTD

Physical Address
189 Kennedy Road
Tauriko Business Estate
Tauriko

Postal Address
PO Box 9458
Greerton
Tauranga



PHONE 07 575 5139
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www.domett-trailers.co.nz

Static Roll Threshold Compliance Certificate

Name of vehicle owner:

Address:

SRT Compliance Certificate no: S1000

Vehicle Identification No.(VIN): 7A9D50021H1023606

Vehicle chassis No: 1606

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: 12.2 metres

Maximum height of load or vehicle body: 4.3 metres

Front suspension type: none

Rear suspension type: User Defined

I, **Bruce Sutton of Domett Truck and Trailer, PO Box 9458, Greerton, Tauranga 3142** 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 4.3 metres and a max. allowable gross mass of 24 tonnes, the SRT is 0.36g

This vehicle meets or exceeds the minimum SRT target of 0.35g.

Results of SRT test to be displayed on Certificate of Loading
X1 = 4.3 metres / Y1 = 24 tonnes ; Y2 = 24 tonnes / X2 = 4.3 metres.

The type of test carried out to establish this rating was: NZTA SRT Calculator Version 2.12c

Summary Input Data used for calculation.

Tyre Data:

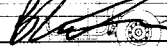
Axle	Tyre Size:	Tyre Configuration:
1	22.5	Large Single
2	22.5	Large Single
3	22.5	Large Single
4	22.5	Large Single

Body Style is Standard

Mass and Suspension Data:

Inputs	Rear
Gross mass (kg):	24000
Payload mass (kg):	19660
Tare mass (kg):	4340
Average load bed height (m):	1.34
Average load height (m):	4.3
Suspension type:	User Defined
Suspension track width (m):	1.145
Lash (mm):	90
Suspension brand/model:	SAF Intradisc IU25/2000
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: **13/12/2018**
 S1000