

Heavy Vehicle Specialist Certificate

Must be presented to a CoF (Heavy) Inspecting Organisation
Heavy Vehicle Specialist Inspector and Inspecting Organisation

Heavy Vehicle Specialist Inspector's or Manufacturing Inspecting Organisation's Name (PRINT IN CAPS)

BRUCE SUTTON

ID
855

Vehicle Registration*

VIN/Chassis Number

7A9D5002661023518

Component being certified:

☐

Chassis

☐

Load Anchorage

☐

Log Bolsters

☐

Towing Connection

☐

Brakes

☒

SRT

☐

PSV Stability

☐

PSV Rollover

☐

Swept Path

☐

PBS

Certification Category

HVS2

Description of Work

Certify SRT- Quad axle Semi Trailer

Code/Standard/Rule Certified to

NZTA Rule 41001:2002

Component Load Rating(s)

X1 = 4.25m / Y1 = 28T

Y2 = 28T / X2 = 4.25m

General Drawing Number(s)

Load Type: Uniform Density

Supporting Documents

SRT Compliance Cert # SP05

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

3/8/2016

Number

540075

CoF Vehicle Inspector ID

CoF Vehicle Inspector Signature

Date

All fields excluding those marked with * must be completed before this certificate can be accepted.

DOMETT TRUCK & TRAILER LTD**Physical Address**

189 Kennedy Road
Tauriko Business Estate
Tauriko

Postal Address

PO Box 9458
Greerton
Tauranga

**PHONE 07 575 5139****FAX 07 575 5137****www.domett-trailers.co.nz**

Static Roll Threshold Compliance Certificate

Name of vehicle owner: Normans Transport Ltd**Address:****SRT Compliance Certificate no:** S805**Vehicle Identification No.(VIN):** 7A9D50026G1023518**Vehicle chassis No:** 1518**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:** 4.25 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 28 tonnes, the SRT is
0.35g

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

Results of SRT test to be displayed on Certificate of Loading

X1 = 4.25 metres / Y1 = 28 tonnes ; Y2 = 28 tonnes / X2 = 4.25 metres.
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The type of test carried out to establish this rating was: NZTA SRT Calculator Version 2.01c

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):	28000
Payload mass (kg):	24040
Tare mass (kg):	3960
Average load bed height (m):	1.35
Average load height (m):	4.25
Suspension type:	User Defined
Suspension track width (m):	1.125
Lash (mm):	104
Suspension brand/model:	ROR CS9
Roll stiffness/axle (Nm/radian):	2152000
Spring stiffness/spring (N/m):	128000
Roll centre height from axle (m):	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: 

Vehicle Inspector/Inspecting Organisation No
BJS

SRT Compliance Certificate no:

Name: **Bruce Sutton**

Date: **3/8/2016**

S805