



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 Name (with title)

WAYNE COOPER

ID

WC

Vehicle Registration

VIN / Chassis Number

7 A 9 E 2 0 0 1 9 D 1 0 2 3 1 9 0

Component being certified:

Chassis Modification

Load Anchorage

Log Boilers

Towing Connection

Brakes

SRT

Certification Category

PSV Stability

PSV Rollover

Swept Path

HVS2

PBS

Description of Work

**PROVIDE SRT CERTIFICATE IN ACCORDANCE WITH SECTION 3 OF THE
VEHICLE DIMENSIONS AND MASS RULE 41001.**

Code/Standard Certified to

VDM 2002 RULE 41001

Component Load Rating(s)

X1 = 4.15m / Y1 = 32 tonnes

General Drawing Number(s)

3007-25

Y2 = 35 tonnes / X2 = 4.03m

Supporting Documents

SRT COMPLIANCE CERTIFICATE ATTACHED

*Special Conditions

THIS CERTIFICATE IS A STATEMENT OF COMPLIANCE AT THE TIME OF CERTIFICATION ONLY AND DOES NOT OFFER OR IMPLY ANY GUARANTEE OR WARRANTY WITH RESPECT TO THE WORK CERTIFIED OR ANY OTHER ASPECT OF THIS VEHICLE. COMPONENT/VEHICLE IS TO BE RE-INSPECTED BY A LAND TRANSPORT NZ APPROVED HEAVY VEHICLE SPECIALIST CERTIFIER ON OR BEFORE THE CERTIFICATION EXPIRY DATE STATED. THIS CERTIFICATION IS NULL & VOID IF VEHICLE/COMPONENT IS SUBSEQUENTLY MODIFIED, ACCIDENT DAMAGED, OR RE-CERTIFIED.

Certification Expiry Date (mm/dd/yyyy)

24-09-2023

or Hubodometer Reading (vehicle component)

Declaration

I the undersigned declare that I am the Heavy Vehicle Specialist Inspector identified above and I hold a current valid appointment to 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 Field of Appointment. To the best of my knowledge the information contained in this Certificate is true and correct.

Designer's ID (if certified by manufacturer)

Inspector's / Delegate's Signature

*Delegate's/Inspector's Name (with title) and Number

Date

24-09-2013

Number

447506

CDF Website (http://www.cdf.govt.nz)

CDF Vehicle Inspector Signature

Date

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

Static Roll Threshold Compliance Certificate

Name of vehicle owner: Domett Truck and Trailers Ltd
Address: Hewletts Rd, Mount Maunganui
SRT Compliance Certificate no: 3007-25
Vehicle Identification No.(VIN): 7A9E20019D1023190
Vehicle chassis No: 1190
Current vehicle registration:
Type of vehicle: Full-Trailer
No of axles in front set: 2 **No of axles in rear set:** 3
Deck length of vehicle: 11.5 metres
Maximum height of load or vehicle body: 4.25 metres
Front suspension type: User Defined
Rear suspension type: User Defined

I, Wayne Cooper of Matrixx Consultants, PO Box 886, Tauranga 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 4.15 metres and a max. allowable gross mass of 35 tonnes, the SRT is 0.34g

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

- (a) At maximum load height of 4.15 metres, the maximum allowable gross mass is 32.7 tonnes.
- or (b) At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.03 metres.

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

Gross Mass (tonnes)	Load Height (m)
35	4.03
34	4.08
33	4.13
32	4.18

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 = 4.15 metres / Y1 = 32 tonnes ; Y2 = 35 tonnes / X2 = 4.03 metres.

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

matrixx CONSULTANTS LTD
TAURANGA

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
5	19.5	Dual

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	16000	19000
Payload mass (kg):	12700	14920
Tare mass (kg):	3300	4080
Average load bed height (m):		1.08
Average load height (m):		4.15
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.94	0.94
Lash (mm):	90	90
Suspension brand/model:	SAF INTRADISC IU28/2005RZ	SAF INTRADISC 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: 

Name: **Wayne Cooper**

Vehicle Inspector/Inspecting Organisation No **WC**

Date: **24/9/2013**

SRT Compliance Certificate no:

3007-25