



# Heavy Vehicle Specialist Certificate

Must be presented to a Transport Service Officer, Agent,  
Heavy Vehicle Specialist Inspector and Inspection Organisation

Heavy Vehicle Specialist Inspector's Name (in full):

**WAYNE COOPER**

ID:

**WC**

Vehicle Registration\*

VIN / Chassis Number

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

Component being certified:

Chassis Modification

Load Anchorage

Log Boisters

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 = 4.25m / Y1 = 35 tonnes**

General Drawing Number(s)

**3011-41**

**C-E2001-H**

**Y2 = 35 tonnes / X2 = 4.25m**

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 (in full):

**30-10-2023**

or Hubodometer Reading (in full):

## Declaration

I, the undersigned, declare that I am the Heavy Vehicle Specialist Inspector identified above and I hold a current valid appointment. I certify that the above mentioned vehicle component's design, manufacture and installation, and this certificate in respect of compliance with the Land Transport Rule 2002 (Vehicle Dimensions and Mass) and my Design Appointment, is to the best of my knowledge and 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 (in full):

**Wayne Cooper**

Date:

**30-10-2013**

Number:

**447628**

Inspector's Name (in full):

Wayne Cooper (Inspector's Signature)

Date:

All fields, excluding those marked with \*, must be completed before this certificate can be processed.

# Static Roll Threshold Compliance Certificate

**Name of vehicle owner:** Domett Truck & Trailer Ltd  
**Address:** Hewletts Road, Mount Maunganui  
**SRT Compliance Certificate no:** 3011-41  
**Vehicle Identification No.(VIN):** 7A9E2001XD1023201  
**Vehicle chassis No:** 1201  
**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:** 11.285 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      Uniform density      Description: Assumes load mass is centred midway  
type:      vertically between load bed and load height.

At a max. load height of 4.25 metres and a max. allowable gross mass of 35 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

$X1 = 4.25 \text{ metres} / Y1 = 35 \text{ tonnes} ; Y2 = 35 \text{ tonnes} / X2 = 4.25 \text{ metres}.$

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	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):	12620	14720
Tare mass (kg):	3380	4280
Average load bed height (m):		1.08
Average load height (m):		4.25
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.98	0.98
Lash (mm):	104	104
Suspension brand/model:	ROR CS9	ROR CS9
Roll stiffness/axle (Nm/radian):	2197000	2197000
Spring stiffness/spring (N/m):	128000	128000
Roll centre height from axle (m):	0.035	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: 

Name: **Wayne Cooper**

Vehicle Inspector/Inspecting Organisation No  
**WC**

Date: **30/10/2013**

SRT Compliance Certificate no:

3011-41

**matrixx** CONSULTANTS LTD  
103 WHARF STREET 3110 | PO BOX 886 TAURANGA 3140 | 07 577 9845 Ext.708 | 021 577 984 |