

# 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 or Manufacturing Inspecting Organisation's Name *(PRINT IN CAPS)* **WAYNE COOPER** ID **WC**

Vehicle Registration\* VIN/Chassis Number  
**7 A 9 E 1 5 0 1 3 E 1 0 2 3 2 6 6**

Component being certified:

<input type="checkbox"/> Chassis Modification	<input type="checkbox"/> Load Anchorage	<input type="checkbox"/> Log Bolsters
<input type="checkbox"/> Towing Connection	<input type="checkbox"/> Brakes	<input checked="" type="checkbox"/> SRT
<input type="checkbox"/> PSV Stability	<input type="checkbox"/> PSV Rollover	<input type="checkbox"/> Swept Path
<input type="checkbox"/> PBS		

Certification Category  
**HVS2**

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

Code/Standard/Rule Certified to <b>VDM 2002 RULE 41001</b>	Component Load Rating(s) <b>X1 = 4.25m / Y1 = 29 tonnes</b> <b>Y2 = 33 tonnes / X2 = 4.03m</b>
General Drawing Number(s) <b>3075-11</b>	

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 *(if applicable)* **11-07-2024** 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 **11-07-2014** Number **478012**

CoF Vehicle Inspector ID CoF Vehicle Inspector Signature Date

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



# Static Roll Threshold Compliance Certificate

**Name of vehicle owner:** Domett Truck and Trailer Ltd  
**Address:** 189 Kennedy Road, Tauranga  
**SRT Compliance Certificate no:** 3075-11  
**Vehicle Identification No.(VIN):** 7A9E15013E1023266  
**Vehicle chassis No:** 1266  
**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:** 11.6 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 33 tonnes, the SRT is 0.33g

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

- (a) At maximum load height of 4.25 metres, the maximum allowable gross mass is 29 tonnes.  
or (b) At maximum gross mass of 33 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)
33	4.03
32	4.08
31	4.13
30	4.18
29	4.24

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 = 29 tonnes ; Y2 = 33 tonnes / X2 = 4.03 metres.

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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:

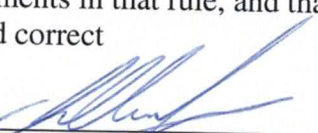
Axle	Tyre Size:	Tyre Configuration:
1	19.5	Dual
2	19.5	Dual
3	19.5	Dual
4	19.5	Dual
5	19.5	Dual

Body Style is Standard

#### Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	15000	18000
Payload mass (kg):	11980	14500
Tare mass (kg):	3020	3500
Average load bed height (m):	1.13	
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 INTRADISC IU28-2005RZ	SAF INTRADISC IU25-2000RZ
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: **11/7/2014**

SRT Compliance Certificate no:

3075-11

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