Version No. 10/13



New Zealand Government

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 Organis WAYNE			ID WC	
Vehicle Registration*	VIN/Chassis Num 7 A 9 E		1 3 E	1 0 2 3 2	6 4
Component being certified:	Chassis Mod	ection	Load Anchor Brakes	√ SRT	
Certification Category HVS2	PSV Stability PBS		PSV Rollover	Swe	ept Path
Description of Work					
PROVIDE SRT CERTIFICATE VEHICLE DIMENSIONS AND				CHONSOFI	ne .
Code/Standard/Rule Certified to VDM 2002 RULE 41001		Component	Load Rating(s)		
General Drawing Number(s)		X1 =	4.25m / Y1	= 29 tonnes	
3075-33 C-D2001 &	D-21B	Y2 =	35 tonnes /	X2 = 3.99m	
Supporting Documents					
SRT COMPLIANCE CERTIFICA	TE ATTACH	HED			
Special Conditions*					
Certification Expiry Date (if applicable) 22-07-2024	or	Hubodomete	er Reading (whicheve	er comes first)	
Declaration		Designer's II) (if different from inspe	ctor below)	
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.		Inspector's Signature			
		Inspector's N	lame (PRINT IN CAPS) IDI	Number
		Date 22-07	7-2014	Number 478019	
CoF Vehicle Inspector ID	oF Vehicle Inspecto	r Signature	Da	te	

Form ID

LT400

Static Roll Threshold Compliance Certificate

Name of vehicle owner: Domett Truck & Trailer Ltd

Address: 189 Kennedy Road, Tauranga

SRT Compliance Certificate no: 3075-33

Vehicle Identification No.(VIN): 7A9E25013E1023264

Vehicle chassis No: 1264

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: 10.67 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 0.33g

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 29.7 tonnes.
- or (b) At maximum gross mass of 35 tonnes, the maximum allowable load height is 3.99 metres. The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m
35	3.99
34	4.03
33	4.08
32	4.12
31	4.17
30	4.22
29	4.25

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 = 35 tonnes / X2 = 3.99 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):	13240	15880	
Tare mass (kg):	2760	3120	
Average load bed height (m):	1.03		
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-68A	SAF Intradisc IU28/2005RZ-68A	
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:

Vehicle Inspector/Inspecting Organisation No

WC

SRT Compliance Certificate no:

Name: Wayne Cooper

Date: 22/7/2014

3075-33