

Static Roll Threshold Compliance Certificate

Name of vehicle owner: Domett
Address:
SRT Compliance Certificate no: 1954-16
Vehicle Identification No.(VIN): 7A9D31015B0023947
Vehicle chassis No: 947
Current vehicle registration:
Type of vehicle: Full-Trailer
No of axles in front set: 2 **No of axles in rear set:** 2
Deck length of vehicle: 9 metres
Maximum height of load or vehicle body: 4.25 metres
Front suspension type: User Defined
Rear suspension type: User Defined

I, **George Barbour 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 4.25 metres and a max. allowable gross mass of 30 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 metres / Y1 = 30 tonnes ; Y2 = 30 tonnes / X2 = 4.25 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

Body Style is Standard**Mass and Suspension Data:**

Inputs	Front	Rear
Gross mass (kg):	15000	15000
Payload mass (kg):	11760	11840
Tare mass (kg):	3240	3160
Average load bed height (m):	1.17	
Average load height (m):	4.25	
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.97	0.97
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: **George Barbour**

Vehicle Inspector/Inspecting Organisation No

Date: **18/7/2011****GRB4**

SRT Compliance Certificate no:

1954-16

Print the Certificate

Finish