



Static Roll Threshold Compliance Certificate

Name of vehicle owner:	Moorey Contractors LTD
Address:	4719 SH29, Hinuera
SRT Compliance Certificate no:	S381
Vehicle Identification No.(VIN):	7A9D3001690023847
Vehicle chassis No:	847
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:	8.22 metres
Maximum height of load or vehicle body:	4.25 metres
Front suspension type:	User Defined
Rear suspension type:	User Defined

I, **Bruce Sutton** of **Domett Truck and Trailer, PO Box 5215, Mt Maunganui** 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.
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At a max. load height of 4.25 metres and a max. allowable gross mass of 28 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 = 28 tonnes ; Y2 = 28 tonnes / X2 = 4.25 metres.

The type of test carried out to establish this rating was: LTSA SRT Calculator Version I.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):	14000	14000
Payload mass (kg):	10940	11340
Tare mass (kg):	3060	2660
Average load bed height (m):	1.155	
Average load height (m):	4.25	
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.980	0.980
Lash (mm):	104	104
Suspension brand/model:	ROR CS9L	ROR CS9L
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: *B. Sutton*
 Vehicle Inspector/Inspecting Organisation No
BJS
 SRT Compliance Certificate no:

Name: **Bruce Sutton**
 Date: **19/6/2009**
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