





# Static Roll Threshold Compliance Certificate

Name of vehicle owner: **Freightlines Ltd**  
Address:  
SRT Compliance Certificate no: **S536**  
Vehicle Identification No.(VIN): **7A9D15027C1023109**  
Vehicle chassis No: **1109**  
Current vehicle registration:  
Type of vehicle: **Semi-Trailer**  
No of axles in front set: **0** No of axles in rear set: **4**  
Deck length of vehicle: **15.2 metres**  
Maximum height of load or vehicle body: **4.25 metres**  
Front suspension type: **none**  
Rear suspension type: **Generic Air High Stiffness**

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 24 tonnes, the SRT is 0.36g

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 = 24 tonnes ; Y2 = 24 tonnes / X2 = 4.25 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	22.5	Wide Single
2	22.5	Wide Single
3	22.5	Wide Single
4	22.5	Wide Single

**Body Style is Standard**

**Mass and Suspension Data:**

Inputs	Rear
Gross mass (kg):	24000
Payload mass (kg):	18500
Tare mass (kg):	5500
Average load bed height (m):	1.31
Average load height (m):	4.25
Suspension type:	Generic Air High Stiffness
Suspension track width (m):	1.138
Lash (mm):	300

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  
**BJS**

SRT Compliance Certificate no:

Name: **Bruce Sutton**

Date: **1/2/2013**

**S536**