

Static Roll Threshold Compliance Certificate

Name of vehicle owner: Heikell Transport LTD
Address: Edgecumbe
SRT Compliance Certificate no: S140
Vehicle Identification No.(VIN): 7A8JW220298685328
Vehicle chassis No: 095
Current vehicle registration: 8323J
Type of vehicle: Full-Trailer
No of axles in front set: 2 No of axles in rear set: 2
Deck length of vehicle: 8.84 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 the vehicle mentioned 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 maximum load height of 4.25 metres and a maximum allowable gross mass of 24 tonnes, the SRT is 0.35g

This vehicle 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:

- (i) ~~Tilt table~~
- (ii) LTSA SRT Calculator Version 1.22c
- (iii) ~~other as follows:~~

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

Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	12000	12000
Payload mass (kg):	7970	8030
Tare mass (kg):	4030	3970
Load bed height (m):	1.055	1.055
Load height (m):	4.25	4.25
Suspension type:	User Defined	User Defined
Suspension track width (m):	.965	.965
Lash (mm):	40	40
Suspension brand/model:	Reyco 21B 007902	Reyco 21B 007902
Roll stiffness/axle (Nm/radian):	880997	880997
Spring stiffness/spring (N/m):	1891274	1891274
Roll centre height from axle (m):	0.216	0.216

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: Bute

Name: **Bruce Sutton**

Vehicle Inspector/Inspecting Organisation No
BJS

Date: **7/8/2003**

SRT Compliance Certificate no:

S140

Special Conditions / Notes:

The mass and height values shown above are based on a trailer deck height of 1.05 metres and a spring lash of 40mm.

This certificate is only valid if the signature is original and may be withdrawn if;

- The vehicle is not operated within current legal limits and within the limits specified on this certificate.
- Changing circumstances / regulations render this certificate invalid.
- The vehicle is involved in an accident.
- The vehicle / structure is not maintained to accepted standards.
- Unauthorized repairs or modifications are made subsequent to the issue of this certificate.