

Heavy vehicle specialist certificate Must be presented to a CoF (heavy) inspecting organisation if not entered into LANDATA

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All fields are mandatory unless otherwise stated.

New Zealand Government

Form ID

LT400

Version No. 05/18

Static Roll Threshold Compliance Certificate

Name of vehicle owner: Fitchett Linehaul Ltd

Address:

SRT Compliance Certificate no: S1175

Vehicle Identification No.(VIN): 7A9C20031L2023024

Vehicle chassis No: 2024

Current vehicle registration:

Type of vehicle: Semi-Trailer

No of axles in front set: 0 No of axles in rear set: 3

Deck length of vehicle: 8.09 metres

Front suspension type: none

Maximum height of load or vehicle body:

Rear suspension type: User Defined

I, Matthew Connolly of Domett Truck and Trailer, PO Box 9458, Greerton, Tauranga 3142 certify that

4.30 metres

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 4.3 metres and a max. allowable gross mass of 19 tonnes, the SRT is 0.35g. This vehicle meets or exceeds the minimum SRT target of 0.35g.

Results of SRT test to be displayed on Certificate of Loading

X1 = 4.3 metres / Y1 = 19 tonnes; Y2 = 19 tonnes / X2 = 4.3 metres.

The type of test carried out to establish this rating was: NZTA SRT Calculator Version 2.12c

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

Body Style is Step deck

Inputs	Front	Rear
Load bed height (m):	1.378	1.103
Deck length (m):	4.06	4.03

Mass and Suspension Data:

Inputs	Rear
Gross mass (kg):	19000
Payload mass (kg):	14960
Tare mass (kg):	4040
Average load bed height (m):	1.24
Average load height (m):	4.30
Suspension type:	User Defined
Suspension track width (m):	0.98
Lash (mm):	104
Suspension brand/model:	ROR CS9 - LOW MOUNT
Roll stiffness/axle (Nm/radian):	2197000
Spring stiffness/spring (N/m):	128000
Roll centre height from axle (m):	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: Mornoll

Name: Matthew Connolly

Vehicle Inspector/Inspecting Organisation No MHC Date: 21/1/2021

SRT Compliance Certificate no:

S1175