

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name *(PRINT IN CAPS)* **MATTHEW CONNOLLY** ID **MHC**

Vehicle registration *(optional)* **DOMETT** VIN/chassis number **7 A 9 E 2 0 0 1 2 M 2 0 2 3 0 7 3**

Make **DOMETT** Component being certified: Chassis Load anchorage

Model *(optional)* **2021 E2001 PH** Log bolsters Towing connection Brakes

Certification category **HVS2** SRT PSV stability PSV rollover

Swept path PBS

Description of work **CERTIFY SRT - 5 AXLE FULL TRAILER**

Code/standard/rule certified to **NZTA RULE 41001:2016** Component load rating(s) **X1 = 4.30m / Y1 = 35t**

General drawing number(s) **Y2 = 35t / X2 = 4.30m**

LOAD TYPE: UNIFORM DENSITY

Supporting documents **SRT COMPLIANCE CERT # S1199**

Special conditions *(optional)* **AS ABOVE**

Certification expiry date *(if applicable)* **or** Hubodometer reading *(whichever comes first)*

Declaration

I the undersigned, declare that I am the heavy vehicle specialist inspector identified and I hold a current valid appointment. I certify that the above mentioned vehicle component's design, manufacture and installation, and this certification complies in all respects with the Land Transport Rule: Vehicle Standards Compliance 2002 and my appointment. To the best of my knowledge the information contained in the certificate is true and correct.

Designer's ID *(if different from inspector below)*

Inspector's signature **M Connolly**

Inspector's name *(PRINT IN CAPS)* **MATTHEW CONNOLLY** ID number **M H C**

Date **05-05-2021** Number **773771**

CoF vehicle inspector ID *(if applicable)* CoF vehicle inspector signature *(if applicable)* Date

All fields are mandatory unless otherwise stated.

Static Roll Threshold Compliance Certificate

Name of vehicle owner: Fitchett Linehaul Ltd
Address:
SRT Compliance Certificate no: S1199
Vehicle Identification No.(VIN): 7A9E20012M2023073
Vehicle chassis No: 2073
Current vehicle registration:
Type of vehicle: Full-Trailer
No of axles in front set: 2 **No of axles in rear set:** 3
Deck length of vehicle: 10.23 metres
Maximum height of load or vehicle body: 4.30 metres
Front suspension type: User Defined
Rear suspension type: User Defined

I, **Matthew Connolly of Domett Truck and Trailer, PO Box 9458, Greerton, Tauranga 3142** 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 4.3 metres and a max. allowable gross mass of 35 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 = 35 tonnes ; Y2 = 35 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
4	19.5	Dual
5	19.5	Dual

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	16000	19000
Payload mass (kg):	12730	15100
Tare mass (kg):	3270	3900
Average load bed height (m):	1.078	
Average load height (m):	4.30	
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.98	0.98
Lash (mm):	104	104
Suspension brand/model:	ROR CS9 - LOW MOUNT	ROR CS9 - LOW MOUNT
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: **Matthew Connolly**

Vehicle Inspector/Inspecting Organisation No **MHC**

Date: **5/5/2021**

SRT Compliance Certificate no:

S1199