NZ TRANSPORT AGENCY
WAKA KOTAHI

Heavy vehicle specialist certificate

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

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

ID: MHC

Vehicle registration *(optional)*:

VIN/chassis number: 7A9C20024L2023025

Make: DOMETT

Model *(optional)*: 2020 C2002

Certification category: HVS2

Component being certified:

- [ ] Chassis
- [ ] Load anchorage
- [ ] Log bolsters
- [ ] Towing connection
- [ ] Brakes
- [X] SRT
- [ ] PSV stability
- [ ] PSV rollover
- [ ] Swept path
- [ ] PBS

Description of work: CERTIFY SRT - 3 AXLE SEMI TRAILER

Code/standard/rule certified to: NZTA RULE 41001:2016

Component load rating(s): X1 = 4.30m / Y1 = 19t
Y2 = 19t / X2 = 4.30m
LOAD TYPE: UNIFORM DENSITY

General drawing number(s):

Supporting documents: SRT COMPLIANCE CERT # S1174

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:

Inspector's name *(PRINT IN CAPS)*: MATTHEW CONNOLLY

ID number: MHC

Date: 21-01-2021

Number: 752397

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:	**Fichett Linehaul Ltd**
Address:	
SRT Compliance Certificate no:	**S1174**
Vehicle Identification No.(VIN):	**7A9C20024L2023025**
Vehicle chassis No:	**2025**
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:	**10.10 metres**
Maximum height of load or vehicle body:	**4.30 metres**
Front suspension type:	**none**
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 19 tonnes, the SRT is 0.36g

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 Standard

Mass and Suspension Data:

Inputs	Rear
Gross mass (kg):	19000
Payload mass (kg):	14510
Tare mass (kg):	4490
Average load bed height (m):	1.222
Average load height (m):	4.30
Suspension type:	User Defined
Suspension track width (m):	0.98
Lash (mm):	104
Suspension brand/model:	ROR CS9 - TOP MOUNT
Roll stiffness/axle (Nm/radian):	2197000
Spring stiffness/spring (N/m):	128000
Roll centre height from axle (m):	0.05

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: **21/1/2021**

SRT Compliance Certificate no: S1174