

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

INDERJEET SINGH

ID

ISH

Plate number (optional)

VIN/chassis number

7 A 9 C 2 0 0 2 8 M 2 0 2 3 1 1 2

Make

DOMETT

Component being certified:

Chassis

Load anchorage

Model (optional)

2021 C2002 BPH

Log bolsters

Towing connection

Brakes

Certification category

HVS2

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

General drawing number(s)

LOAD TYPE: UNIFORM DENSITY

Supporting documents

SRT COMPLIANCE CERT # S1231

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

Inderjeet Singh

Inspector's name (PRINT IN CAPS)

INDERJEET SINGH

ID number

I S H

Date

01-10-2021

Number

794705

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: S1231
Vehicle Identification No.(VIN): 7A9C20028M2023112
Vehicle chassis No: 2112
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: 9.175 metres
Maximum height of load or vehicle body: 4.30 metres
Front suspension type: none
Rear suspension type: User Defined

I, **Inderjeet Singh 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.
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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):	14400
Tare mass (kg):	4600
Average load bed height (m):	1.223
Average load height (m):	4.30
Suspension type:	User Defined
Suspension track width (m):	0.980
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: *Inderjeet Singh*

Name: **Inderjeet Singh**

Vehicle Inspector/Inspecting Organisation No **ISH**

Date: **1/10/2021**

SRT Compliance Certificate no:

S1231