

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name (PRINT IN CAPS) **CAMERON HARRIS** ID **CNH**

Plate number (optional) VIN/chassis number  
**7 A 9 C 2 0 0 3 9 N 2 0 2 3 1 9 3**

Make **DOMETT** Component being certified:  Chassis  Load anchorage  
Model (optional) **2022 C2003 PH**  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**  
**LOAD TYPE: UNIFORM DENSITY**

Supporting documents  
**SRT COMPLIANCE CERT # S1281**

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) **CAMERON HARRIS** ID number **C N H**  
Date **20-05-2022** Number **827705**

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:** S1281  
**Vehicle Identification No.(VIN):** 7A9C20039N2023193\_  
**Vehicle chassis No:** 2193  
**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:** 8.22 metres  
**Maximum height of load or vehicle body:** 4.3 metres  
**Front suspension type:** none  
**Rear suspension type:** User Defined

I, **Cameron Harris 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 0.35g  
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):	1.42	1.1
Deck length (m):	4.14	4.08

### Mass and Suspension Data:

Inputs	Rear
Gross mass (kg):	19000
Payload mass (kg):	14920
Tare mass (kg):	4080
Average load bed height (m):	1.26
Average load height (m):	4.3
Suspension type:	User Defined
Suspension track width (m):	0.98
Lash (mm):	104
Suspension brand/model:	ROR CS9L
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: 

Name: **Cameron Harris**

Vehicle Inspector/Inspecting Organisation No **CNH**

Date: **20/5/2022**

SRT Compliance Certificate no:

S1281

Domett Truck & Trailer Ltd  
Taurikura Drive & Kennedy Road  
Tauriko, Tauranga

# PDS



Date: 20/05/2022

Job Number: 8775

Certifier: Cameron Harris

ID: CNH

Client: Fitchett Linehaul Ltd

### Vehicle Details

Make:	Domett	Model:	C2003 PH	Trailer GVM:	33000 kg
VIN number:	7A9C20039N2023193	Chassis Number	2193	Rego:	
				Hubo:	

### Standards / Codes the design must comply with

41001

### Component

SRT	<input checked="" type="checkbox"/>	Certificate Number	S1281	X1	4.3 m
Load Type	Uniform Density			Y1	19 t
				Y2	19 t
				X2	4.3 m

### LT400

LT400 Number

### Certify

YES  NO

I understand and declare that I am the Certifier identified above and hold a current valid appointment. I certify that at the time of inspection the above mentioned vehicle components and this certification complied in all respects with the LTSA rule Vehicle Standards Compliance 2002 and the Deed of Appointment. To the best of my knowledge the information contained in this certificate is true and correct.

Certifier Signature:

Date:

Domett Truck & Trailer Ltd  
 Taurikura Drive & Kennedy Road  
 Tauriko, Tauranga

# SRT Worksheet



Date: 20/05/2022

Job Number: 8775

Certifier: Cameron Harris

ID: CNH

Client: Fitchett Linehaul Ltd

Cert #:

## Vehicle Details

Make: Domett	Model: C2003 PH	Trailer GVM: 33000 kg
VIN number: 7A9C20039N2023193	Chassis Number: 2193	Rego: <input type="text"/>
		Hubo: <input type="text"/>

## Suspension Details

Make: ROR	Model: CS9L - LOW MOUNT	Fixed Steerer	0
Ride Height: 245 mm			N/A

## Dolly

Number of Axles	0	Hanger Centres - Dolly	0
Tyre Size	N/A	Tyre Configuration	N/A

## Fixed

Number of Axles	3	Hanger Centres - Fixed	980 mm
Tyre Size	265/70 R 19.5	Tyre Configuration	Dual

## Steerers

Number of Axles	0	Hanger Centres - Steerers	0
Tyre Size	265/70 R 19.5	Tyre Configuration	Dual

## Load Details

Uniform Density	<input checked="" type="checkbox"/>	Mixed Freight	<input type="checkbox"/>	Other	<input type="checkbox"/>
Masses		Front	Rear	Total	
Gross		kg	19000 kg	19000 kg	
Tare		kg	4080 kg	4080 kg	
Load Height Max		4.3 m	Payload Cog		
Deck Length		6.22 m	Max Height	4.3 m	
Front Deck Height:	4.14			= 1.42 m	
Rear Deck Height:	4.08			= 1.10 m	
			Average		m

--