

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)*  
**CAMERON HARRIS**

ID  
**CNH**

Plate number *(optional)*

VIN/chassis number  
**7 A 9 E 3 8 1 1 2 M 2 0 2 3 1 3 3**

Make  
**DOMETT**

Model *(optional)*  
**2021 E3811**

Certification category  
**HVS2**

Component being certified:

<input type="checkbox"/> Chassis	<input type="checkbox"/> Load anchorage
<input type="checkbox"/> Log bolsters	<input type="checkbox"/> Towing connection
<input checked="" type="checkbox"/> SRT	<input type="checkbox"/> PSV stability
<input type="checkbox"/> Swept path	<input type="checkbox"/> PSV rollover
	<input type="checkbox"/> PBS

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

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

General drawing number(s)

Component load rating(s)  
**X1 = 4.30m / Y1 = 35t**  
**Y2 = 35t / X2 = 4.30m**  
**LOAD TYPE: UNIFORM DENSITY**

Supporting documents  
**SRT COMPLIANCE CERT # S1299**

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  
**21-09-2022**

Number  
**827723**

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

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**Name of vehicle owner:** TD Haulage  
**Address:**  
**SRT Compliance Certificate no:** S1299  
**Vehicle Identification No.(VIN):** 7A9E38112M2023133  
**Vehicle chassis No:** 2133  
**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:** 10.0 metres  
**Maximum height of load or vehicle body:** 4.3 metres  
**Front suspension type:** User Defined  
**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 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
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X1 = 4.3 metres / Y1 = 35 tonnes ; Y2 = 35 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
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):	12180	15080
Tare mass (kg):	3820	3920
Average load bed height (m):	1.073	
Average load height (m):	4.3	
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.98	0.98
Lash (mm):	104	104
Suspension brand/model:	ROR CS9L	ROR CS9L
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: 

Vehicle Inspector/Inspecting Organisation No **CNH**

SRT Compliance Certificate no:

Name: **Cameron Harris**

Date: **21/9/2022**

S1299

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

# PDS



Date: 21/09/2022

Job Number: 8450

Certifier: Cameron Harris

ID: CNH

Client: TD Haulage

### Vehicle Details

Make:	Domett	Model:	E3811	Trailer GVM:	35000 kg
VIN number:	7A9E38112M2023133	Chassis Number	2133	Rego:	
				Hubo:	

### Standards / Codes the design must comply with

41001

### Component

SRT	<input checked="" type="checkbox"/>	Certificate Number	S1299	X1	4.3 m
				Y1	35 t
Load Type	<input type="checkbox"/>	Uniform Density		Y2	35 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: 21/09/2022

Job Number: 8450

Certifier: Cameron Harris

ID: CNH

Client: TD Haulage

Cert #:

## Vehicle Details

Make: Domett	Model: E3811	Trailer GVM: 35000 kg
VIN number: 7A9E38112M2023133	Chassis Number: 2133	Rego:
		Hubo:

## Suspension Details

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

## Dolly

Number of Axles: 2	Hanger Centres - Dolly: 980 mm
Tyre Size: 265/70 R 19.5	Tyre Configuration: Dual

## 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		16000 kg	19000 kg	35000 kg	
Tare		3820 kg	3920 kg	7740 kg	
Load Height Max		4.3 m	Payload Cog	-	m
Deck Length		10.0 m	Max Height	4.3	m
Front Deck Height:		0.35L	=	1.15	m
Rear Deck Height:		0.66L	=	1.035	m
		Average		1.073	m

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