

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 2 0 0 1 7 N 2 0 2 3 2 1 6

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

Model *(optional)* **2022 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 = 4.25m / Y1 = 30t

General drawing number(s) **Y2 = 35t / X2 = 4.01m**
LOAD TYPE: UNIFORM DENSITY

Supporting documents
SRT COMPLIANCE CERT # S1295


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 **01-08-2022** Number **827719**

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: **Hilton Haulage Chch**
Address:
SRT Compliance Certificate no: **S1295**
Vehicle Identification No.(VIN): **7A9E20017N2023216**
Vehicle chassis No: **2216**
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: **11.4 metres**
Maximum height of load or vehicle body: **4.25 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 4.25 metres and a max. allowable gross mass of 35 tonnes, the SRT is 0.33g

This vehicle fails to meet the minimum SRT target of 0.35g. It will meet the standard if:

- (a) At maximum load height of 4.25 metres, the maximum allowable gross mass is 30.6 tonnes.
or (b) At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.01 metres.

The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)
35	4.02
34	4.06
33	4.11
32	4.16
31	4.22
30	4.28

Note: Calculated load heights greater than the legal limit of 4.30m have been set to 4.30m

Results of SRT test to be displayed on Certificate of Loading

X1 = 4.25 metres / Y1 = 30 tonnes ; Y2 = 35 tonnes / X2 = 4.01 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):	12740	15140
Tare mass (kg):	3260	3860
Average load bed height (m):	1.08	
Average load height (m):	4.25	
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.94	0.94
Lash (mm):	90	90
Suspension brand/model:	SAF IU28	SAF IU28
Roll stiffness/axle (Nm/radian):	1200000	1200000
Spring stiffness/spring (N/m):	470000	470000
Roll centre height from axle (m):	0.05	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: 

Vehicle Inspector/Inspecting Organisation No **CNH**

SRT Compliance Certificate no:

Name: **Cameron Harris**

Date: **1/8/2022**

S1295

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

PDS



Date: 1/08/2022

Job Number: 9033

Certifier: Cameron Harris

ID: CNH

Client: Hilton Haulage Chch

Vehicle Details

Make:	Domett	Model:	E2001 PH	Trailer GVM:	32000 kg
VIN number:	7A9E20017N2023216	Chassis Number	2216	Rego:	
				Hubo:	

Standards / Codes the design must comply with

41001

Component

SRT	<input checked="" type="checkbox"/>	Certificate Number	S1295	X1	4.25	m
				Y1	30	t
Load Type	<input type="checkbox"/>	Uniform Density		Y2	35	t
				X2	4.01	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: 1/08/2022 Job Number: 9033
 Certifier: Cameron Harris ID: CNH
 Client: Hilton Haulage Chch Cert #:

Vehicle Details

Make: Domett	Model: E2001 PH	Trailer GVM: 32000 kg
VIN number: 7A9E20017N2023216	Chassis Number: 2216	Rego: <input type="text"/>
		Hubo: <input type="text"/>

Suspension Details

Make: SAF	Model: IU28/2005RZ-68A	Fixed Steerer	IU28/2005RZ-68A
Ride Height: 260			N/A

Dolly

Number of Axles: 2	Hanger Centres - Dolly: 940 mm
Tyre Size: 265/70 R 19.5	Tyre Configuration: Dual

Fixed

Number of Axles: 3	Hanger Centres - Fixed: 940 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	3260 kg	3860 kg	7120 kg
Load Height Max	4.25 m	Payload Cog	- m
Deck Length	11.4 m	Max Height	4.25 m
Front Deck Height:		=	1.09 m
Rear Deck Height:		=	1.07 m
	Average		1.08 m

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