

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 D 1 5 0 2 0 T 2 0 2 3 5 7 5

Make

DOMETT

Component being certified:

☐ Chassis

☐ Load anchorage

Model (optional)

D1502

☐ Log bolsters

☐ Towing connection

☐ Brakes

Certification category

HVS2

☒ SRT

☐ PSV stability

☐ PSV rollover

☐ Swept path

☐ PBS

Description of work

CERTIFY SRT - 4 AXLE SEMI TRAILER

Code/standard/rule certified to

NZTA RULE 41001:2016

Component load rating(s)

X1 = 4.30m / Y1 = 26t

Y2 = 26t / X2 = 4.30m

General drawing number(s)

LOAD TYPE: UNIFORM DENSITY

Supporting documents

SRT COMPLIANCE CERT # S1562

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

28-08-2026

Number

H 02630

CoF vehicle inspector ID (if applicable)

CoF vehicle inspector signature (if applicable)

Date

Static Roll Threshold Compliance Certificate

Name of vehicle owner:	TR Group
Address:	
SRT Compliance Certificate no:	S1562
Vehicle Identification No.(VIN):	7A9D15020T2023575
Vehicle chassis No:	2575
Current vehicle registration:	
Type of vehicle:	Semi-Trailer
No of axles in front set: 0	No of axles in rear set: 4
Deck length of vehicle:	15.16 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 26 tonnes, the SRT is 0.37g
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 = 26 tonnes ; Y2 = 26 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	22.5	Large Single
2	22.5	Large Single
3	22.5	Large Single
4	22.5	Large Single

Body Style is Standard

Mass and Suspension Data:

Inputs	Rear
Gross mass (kg):	26000
Payload mass (kg):	20650
Tare mass (kg):	5350
Average load bed height (m):	1.31
Average load height (m):	4.3
Suspension type:	User Defined
Suspension track width (m):	1.125
Lash (mm):	104
Suspension brand/model:	ROR CS9T
Roll stiffness/axle (Nm/radian):	2520000
Spring stiffness/spring (N/m):	128000
Roll centre height from axle (m):	0.039

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: **28/8/2026**

S1562

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

PDS



Date: 28/08/2026

Job Number: 11432

Certifier: Cameron Harris

ID: CNH

Client: TR GROUP

Vehicle Details

Make:	Domett	Model:	D1502	Trailer GVM:	42000 kg
VIN number:	7A9D15020T2023575	Chassis Number:	2575	Rego:	
				Hubo:	

Standards / Codes the design must comply with

Vehicle Dimensions & Mass (41001)

√

Component

SRT

√

X1 4.3 m

Y1 26 t

Certificate # S1562

Y2 26 t

Load Type Uniform Density

X2 4.3 m

LT400

LT400 # H02630

Category HVS2

File Content

Vehicle Info	Y	N
Photographs	Y	N
Drawings	Y	N
Proprietary component data	Y	N
Calculations	Y	N
LT400	Y	N

Certify

YES

NO

I declare that I am a heavy vehicle specialist certifier – engineer and I hold a current valid appointment. I certify that this vehicle component design and this certification comply in all respects with the Land Transport Rule: Vehicle Standards Compliance 2002; my Notice of Appointment and applicable requirements. To the best of my knowledge the information contained in this certificate is true and correct.

Certifier Signature:

Date:

28/08/2026

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

SRT Worksheet



Date: 28/08/2026

Job Number: 11432

Certifier: Cameron Harris

ID: CNH

Client: TR GROUP

Cert #: S1562

Vehicle Details

Make:	Domett	Model:	D1502	Trailer GVM:	42000 kg
VIN number:	7A9D15020T2023575	Chassis Number	2575	Rego:	
				Hubo:	

Suspension Details

Make:	ROR	Model:	CS9T - TOP MOUNT	Fixed	N/A
Ride Height:	305 mm (380 mm Steer)		Steerer		CS9T - TOP MOUNT

Suspension data referenced in File "Design info SRT's", in Engineering office.

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	1200 mm
Tyre Size	385/55 R 22.5	Tyre Configuration	Wide Single

Steerers

Number of Axles	1	Hanger Centres - Steerers	900 mm
Tyre Size	385/55 R 22.5	Tyre Configuration	Wide Single

Load Details

Uniform Density ☒ Mixed Freight ☐ Other ☐

Masses	Front	Rear	Total
Gross:	kg	26,000.00 kg	26,000.00 kg
Tare:	2,170.00 kg	5,350.00 kg	7,520.00 kg
Load Height Max:	4.30 m	Payload Cog:	m
Deck Length:	15.16 m	Max Height:	4.30 m
Front Deck Height:	1.33 m	Front Deck Length:	m
Rear Deck Height:	1.30 m	Rear Deck Length:	m
		Average:	1.31 m

Track width:

$$(3 \times 1.2 + 0.9) / 4 = 1.125 \text{ m}$$

Roll stiffness:

$$3 \times 2.69 \text{ M} + 2.02 \text{ M} / 4 = 2.52 \text{ M Nm/Rad}$$

Note: Extrapolated linear relationship of RS to TW w/ 3x data points. Cross checked average TW interpolated between 0.98

Roll Centre:

$$(3 \times 0.035 + 0.050) / 4 = 0.039$$

1.2m