

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name (PRINT IN CAPS) CAMERON HARRIS	ID CNH
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Plate number (optional)	VIN/chassis number 7 A 9 D 5 0 0 2 X T 2 0 2 3 5 6 0
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Make DOMETT	Component being certified:		
Model (optional) D5002	☐ Chassis	☐ Load anchorage	
Certification category HVS2	☐ Log bolsters	☐ Towing connection	☐ Brakes
	☒ 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
General drawing number(s)	Y2 = 26t / X2 = 4.30m
	LOAD TYPE: UNIFORM DENSITY

Supporting documents

SRT COMPLIANCE CERT # S1556

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 Date 27-07-2026
	ID number C N H Number H 02626

CoF vehicle inspector ID (if applicable)	CoF vehicle inspector signature (if applicable)	Date

Static Roll Threshold Compliance Certificate

Name of vehicle owner:

Address:

SRT Compliance Certificate no: S1556

Vehicle Identification No.(VIN): 7A9D5002XT2023560

Vehicle chassis No: 2560

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: 12.2 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 0.36g

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 = 26 tonnes ; Y2 = 26 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	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):	21550
Tare mass (kg):	4450
Average load bed height (m):	1.32
Average load height (m):	4.3
Suspension type:	User Defined
Suspension track width (m):	1.145
Lash (mm):	90
Suspension brand/model:	SAF IU25
Roll stiffness/axle (Nm/radian):	1725000
Spring stiffness/spring (N/m):	470000
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: 

Name: **Cameron Harris**

Vehicle Inspector/Inspecting Organisation No **CNH**

Date: **27/7/2026**

SRT Compliance Certificate no:

S1556

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

PDS



Date: 27/07/2026

Job Number: 11138

Certifier: Cameron Harris

ID: CNH

Client: DTTL

Vehicle Details

Make:	Domett	Model:	D5002	Trailer GVM:	42000 kg
VIN number:	7A9D5002XT2023560	Chassis Number:	2560	Rego:	
				Hubo:	

Standards / Codes the design must comply with

Vehicle Dimensions & Mass (41001)

√

Component

SRT √

X1 4.3 m

Y1 26 t

Certificate # S1556

Y2 26 t

Load Type Uniform Density

X2 4.3 m

LT400

LT400 # H02626

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:

27/07/2026

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

SRT Worksheet



Date: 27/07/2026

Job Number: 11138

Certifier: Cameron Harris

ID: CNH

Client: D TTL

Cert #: S1556

Vehicle Details

Make: Domett	Model: D5002	Trailer GVM: 42000 kg
VIN number: 7A9D5002XT2023560	Chassis Number: 2560	Rego:
		Hubo:

Suspension Details

Make: SAF	Model: IU25/2000RB-10	Fixed Steerer	N/A
Ride Height: 250 mm			IU25/2000RLB-10

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: 355/50 R 22.5	Tyre Configuration: Wide Single

Steerers

Number of Axles: 1	Hanger Centres - Steerers: 980 mm
Tyre Size: 355/50 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:		1,100.00 kg	4,450.00 kg	5,550.00 kg	
Load Height Max:	4.30 m	Payload Cog:		m	
Deck Length:	12.20 m	Max Height:		4.30 m	
Front Deck Height:	1.35 m	Front Deck Length:		m	
Rear Deck Height:	1.29 m	Rear Deck Length:		m	
		Average:		1.32 m	

Track width:

$$(3 \times 1.2 + 0.98) / 4 = 1.145 \text{ m}$$

Roll Stiffness:

$$(3 \times 1.9 \text{ M} + 1.2 \text{ M}) / 4 = 1.725 \text{ M Nm/Rad}$$