

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 5 0 0 2 X T 2 0 2 3 5 5 7**

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

Model *(optional)* **D5002** 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**

General drawing number(s) **Y2 = 26t / X2 = 4.30m**
LOAD TYPE: UNIFORM DENSITY

Supporting documents **SRT COMPLIANCE CERT # S1545**

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 **27-02-2026** Number **H 02615**

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

Static Roll Threshold Compliance Certificate

Name of vehicle owner:	Mainfreight
Address:	
SRT Compliance Certificate no:	S1545
Vehicle Identification No.(VIN):	7A9D5002XT2023557
Vehicle chassis No:	2557
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):	21600
Tare mass (kg):	4400
Average load bed height (m):	1.3
Average load height (m):	4.3
Suspension type:	User Defined
Suspension track width (m):	1.145
Lash (mm):	90
Suspension brand/model:	SAF IU25/2000
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: 

Vehicle Inspector/Inspecting Organisation No **CNH**

SRT Compliance Certificate no:

Name: **Cameron Harris**

Date: **27/2/2026**

S1545

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

PDS



Date: 27/02/2026

Job Number: 11084

Certifier: Cameron Harris

ID: CNH

Client: DTTL

Vehicle Details

Make: Domett	Model: D5002	Trailer GVM: 42000 kg
VIN number: 7A9D5002XT2023557	Chassis Number: 2557	Rego: <input type="text"/>
		Hubo: <input type="text"/>

Standards / Codes the design must comply with

Vehicle Dimensions & Mass (41001)

Component

SRT

Certificate #
Load Type

X1	4.3 m
Y1	26 t
Y2	26 t
X2	4.3 m

LT400

LT400 # Category

File Content

Vehicle Info	<input checked="" type="checkbox"/>	N
Photographs	<input checked="" type="checkbox"/>	N
Drawings	<input checked="" type="checkbox"/>	N
Proprietary component data	<input checked="" type="checkbox"/>	N
Calculations	<input checked="" type="checkbox"/>	N
LT400	<input checked="" type="checkbox"/>	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:

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

SRT Worksheet



Date: 27/02/2026 Job Number: 11084
 Certifier: Cameron Harris ID: CNH
 Client: DTTL Cert #: S1545

Vehicle Details			
Make:	Domett	Model:	D5002
VIN number:	7A9D5002XT2023557	Chassis Number	2557
Trailer GVM:	42000 kg		
Rego:			
Hubo:			

Suspension Details			
Make:	SAF	Model:	IU25/2000RB-10
Ride Height:	250 mm	Fixed Steerer	N/A
			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	<input checked="" type="checkbox"/>	Mixed Freight	<input type="checkbox"/>	Other	<input type="checkbox"/>
Masses	Front	Rear	Total		
Gross:	kg	26,000.00 kg	26,000.00 kg		
Tare:	1,170.00 kg	4,400.00 kg	5,570.00 kg		
Load Height Max:	4.30 m	Payload Cog:	m		
Deck Length:	12.20 m	Max Height:	4.30 m		
Front Deck Height:	1.33 m	Front Deck Length:	m		
Rear Deck Height:	1.27 m	Rear Deck Length:	m		
		Average:	1.30 m		

Track width:

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

Roll stiffness:

$$(3 \times 1.9 + 1.72) / 4 = 1.725 \text{ M Nm / rad.}$$