

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name *(PRINT IN CAPS)*
MATTHEW CONNOLLY ID **MHC**

Vehicle registration *(optional)* VIN/chassis number
7 A 9 E 2 5 0 1 1 M 2 0 2 3 0 7 6

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

Model *(optional)* **2021 E2501 H** 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 = 4.30m / Y1 = 27t
Y2 = 35t / X2 = 3.89m
LOAD TYPE: UNIFORM DENSITY

Supporting documents
SRT COMPLIANCE CERT # S1205


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)* ID number
MATTHEW CONNOLLY M H C

Date **01-06-2021** Number **773777**

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: Midlands Transport Ltd
Address:
SRT Compliance Certificate no: S1205
Vehicle Identification No.(VIN): 7A9E25011M2023076
Vehicle chassis No: 2076
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: 11.35 metres
Maximum height of load or vehicle body: 4.30 metres
Front suspension type: Generic Air High Stiffness
Rear suspension type: Generic Air High Stiffness

I, **Matthew Connolly 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 0.31g
 This vehicle fails to meet the minimum SRT target of 0.35g. It will meet the standard if:

- (a) At maximum load height of 4.3 metres, the maximum allowable gross mass is 27.5 tonnes.
 - or (b) At maximum gross mass of 35 tonnes, the maximum allowable load height is 3.89 metres.
- The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)
35	3.89
34	3.93
33	3.98
32	4.03
31	4.08
30	4.14
29	4.2
28	4.26
27	4.3

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 = 4.3 metres / Y1 = 27 tonnes ; Y2 = 35 tonnes / X2 = 3.89 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	17.5	Dual
2	17.5	Dual
3	17.5	Dual
4	17.5	Dual
5	17.5	Dual

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	16000	19000
Payload mass (kg):	13600	15520
Tare mass (kg):	2400	3480
Average load bed height (m):	0.95	
Average load height (m):	4.30	
Suspension type:	Generic Air High Stiffness	Generic Air High Stiffness
Suspension track width (m):	0.980	0.98
Lash (mm):	95	95

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: Matthew Connolly

Name: **Matthew Connolly**

Vehicle Inspector/Inspecting Organisation No **MHC**

Date: **1/6/2021**

SRT Compliance Certificate no:

S1205

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

PDS



Date: 1/06/2021

Job Number: 7901

Certifier: Matthew Connolly

ID: MHC

Client: Midland Rural Transport Ltd

Vehicle Details

Make:	Domett	Model:	E2501 H	Trailer GVM:	32000 kg
VIN number:	7A9E25011M2023076	Chassis Number	2076	Rego:	
				Hubo:	

Standards / Codes the design must comply with

41001

Component

SRT	<input checked="" type="checkbox"/>	Certificate Number	S1205	X1	4.3 m
				Y1	27 t
Load Type		Uniform Density		Y2	35 t
				X2	3.89 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:

M Connolly

Date:

1-6-2021

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

SRT Worksheet



Date: 1/06/2021

Job Number: 7901

Certifier: Matthew Connolly

ID: MHC

Client: Midland Rural Transport Ltd

Vehicle Details

Make: Domett Model: E2501 H Trailer GVM: 32000 kg ✓
 VIN number: 7A9E25011M2023076 ✓ Chassis Number: 2076 ✓ Rego:
 Hubo:

Suspension Details

Make: SAF Model: U24/2904-29 ✓ Fixed Steerer: 0
 Ride Height: 240 mm ✓ N/A

Dolly

Number of Axles: 2 Hanger Centres - Dolly: 980 mm ✓
 Tyre Size: 215/75 R 17.5 ✓ Tyre Configuration: Dual

Fixed

Number of Axles: 3 ✓ Hanger Centres - Fixed: 980 mm ✓
 Tyre Size: 215/75 R 17.5 Tyre Configuration: Dual

Steerers

Number of Axles: 0 Hanger Centres - Steerers: 0
 Tyre Size: 215/75 R 17.5 Tyre Configuration: Dual

Load Details

Uniform Density Mixed Freight Other

Masses	Front	Rear	Total
Tare	2400 kg	3480 kg	5880 kg
Gross	16000 kg	19000 kg	35000 kg
Deck Height	Front: 940 mm	Rear: 960 mm	950 mm
Load Height Max	4.300 m	Payload Cog	m
Deck Length	11.35 m	Max Height	4.300 m

Height As Per 7713 → Identical Midlands Build.