NZ TRANSPORT AGENCY
WAKA KOTAHI

Heavy vehicle specialist certificate

Must be presented to a CoF (heavy) inspecting organisation if not entered into LANDATA

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name *(PRINT IN CAPS)*: CAMERON HARRIS

ID: CNH

Plate number *(optional)*:

VIN/chassis number: 7A9D50028T2023556

Make: DOMETT

Model *(optional)*: D5002

Certification category: HVS2

Component being certified:

- [ ] Chassis
- [ ] Load anchorage
- [ ] Log bolsters
- [ ] Towing connection
- [ ] Brakes
- [X] 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
LOAD TYPE: UNIFORM DENSITY

General drawing number(s):

Supporting documents: SRT COMPLIANCE CERT # S1544

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: CNH

Date: 16-02-2026

Number: H 02614

CoF vehicle inspector ID *(if applicable)*:

CoF vehicle inspector signature *(if applicable)*:

Date:

All fields are mandatory unless otherwise stated.

Te Kāwanatanga o Aotearoa
New Zealand Government

Form ID: LT400

Version No. 09/24

Static Roll Threshold Compliance Certificate

Name of vehicle owner:		**MK Transport Ltd**	
Address:			
SRT Compliance Certificate no:		**S1544**	
Vehicle Identification No.(VIN):		**7A9D50028T2023556**	
Vehicle chassis No:		**2556**	
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):	21130
Tare mass (kg):	4870
Average load bed height (m):	1.36
Average load height (m):	4.3
Suspension type:	User Defined
Suspension track width (m):	1.145
Lash (mm):	90
Suspension brand/model:	SAF Intradisc IU28/2005RB
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: **16/2/2026**

SRT Compliance Certificate no: S1544

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

PDS

Date: 16/02/2026

Job Number: 11047

Certifier: Cameron Harris

ID: CNH

Client: MK Transport Ltd

Vehicle Details

Make:	Domett	**Model:**	D5002	**Trailer GVM:**	42000 kg
VIN number:	7A9D50028T2023556	**Chassis Number:**	2556	**Rego:**	
				Hubo:	

Standards / Codes the design must comply with

Vehicle Dimensions & Mass (41001)	√

Component

SRT	√	**X1**	4.3	m
		Y1	26	t
Certificate #	S1544	**Y2**	26	t
Load Type	Uniform Density	**X2**	4.3	m

LT400

LT400 #	H02614	**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: 16/02/2026

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

SRT Worksheet

DOMETT

Date: 16/02/2026 Job Number: 11047

Certifier: Cameron Harris **ID:** CNH

Client: DTTL **Cert #:** S1544

Vehicle Details

Make:	Domett	**Model:**	D5002	**Trailer GVM:**	42000 kg
VIN number:	7A9D50028T2023556	**Chassis Number**	2556	**Rego:**	
				Hubo:	

Suspension Details

Make:	SAF	**Model:**	IU25/2000RB-10	Fixed	N/A
Ride Height:	250 mm			Steerer	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:		1,680.00 kg	4,870.00 kg	6,550.00 kg
Load Height Max:	4.30 m		Payload Cog:	m
Deck Length:	12.20 m		Max Height:	4.30 m
Front Deck Height:	1.39 m		Front Deck Length:	m
Rear Deck Height:	1.33 m		Rear Deck Length:	m
			Average:	1.36 m

Spring Center:
$(3 \times 1.2 + 0.98)/4 = 1.145m$

Roll Stiffness:
$(3 \times 1.9 + 1.2)/4 = 1.725M$ Nm/Rad