

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name <small>(PRINT IN CAPS)</small>	ID
INDERJEET SINGH	ISH

Plate number <small>(optional)</small>	VIN/chassis number
	7 A 9 E 2 0 0 1 1 M 2 0 2 3 1 4 5
Make	Component being certified:
DOMETT	<input type="checkbox"/> Chassis <input type="checkbox"/> Load anchorage
Model <small>(optional)</small>	<input type="checkbox"/> Log bolsters <input type="checkbox"/> Towing connection <input type="checkbox"/> Brakes
2022 E2001 PH	<input checked="" type="checkbox"/> SRT <input type="checkbox"/> PSV stability <input type="checkbox"/> PSV rollover
Certification category	<input type="checkbox"/> Swept path <input type="checkbox"/> PBS
HVS2	

Description of work

CERTIFY SRT - 5 AXLE FULL TRAILER

Code/standard/rule certified to	Component load rating(s)
NZTA RULE 41001:2016	X1 = 4.30m / Y1 = 33t
General drawing number(s)	Y2 = 35t / X2 = 4.21m
	LOAD TYPE: UNIFORM DENSITY

Supporting documents

SRT COMPLIANCE CERT # S1271

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

Inderjeet Singh

Inspector's name (PRINT IN CAPS)

INDERJEET SINGH

ID number

I S H

Date

29-03-2022

Number

794745

CoF vehicle inspector ID <small>(if applicable)</small>	CoF vehicle inspector signature <small>(if applicable)</small>	Date

All fields are mandatory unless otherwise stated.

Static Roll Threshold Compliance Certificate

Name of vehicle owner: TAA Logistics 2009 Ltd
Address:
SRT Compliance Certificate no: S1271
Vehicle Identification No.(VIN): 7A9E20011M2023145
Vehicle chassis No: 2145
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: 11.40 metres
Maximum height of load or vehicle body: 4.30 metres
Front suspension type: User Defined
Rear suspension type: User Defined

I, **Inderjeet Singh 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 0.34g
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 33.3 tonnes.
or (b) At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.21 metres.
The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)
35	4.21
34	4.25
33	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 = 33 tonnes ; Y2 = 35 tonnes / X2 = 4.21 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	19.5	Dual
2	19.5	Dual
3	19.5	Dual
4	19.5	Dual
5	19.5	Dual

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	16000	19000
Payload mass (kg):	12840	15000
Tare mass (kg):	3160	4000
Average load bed height (m):	1.077	
Average load height (m):	4.30	
Suspension type:	User Defined	User Defined
Suspension track width (m):	.994	.994
Lash (mm):	0	0
Suspension brand/model:	HENDRICKSON Intraxx AANL ZMD	HENDRICKSON Intraxx AANL ZMD
Roll stiffness/axle (Nm/radian):	1824776	1824776
Spring stiffness/spring (N/m):	350000	350000
Roll centre height from axle (m):	0.051	0.051

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: Inderjeet Singh

Vehicle Inspector/Inspecting Organisation No **ISH**

SRT Compliance Certificate no:

Name: **Inderjeet Singh**

Date: **29/3/2022**

S1271

Print the Certificate

Finish

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

PDS



Date: 29/03/2022

Job Number: 8542

Certifier: Inderjeet Singh

ID: ISH

Client: TAA Logistics 2009 Ltd

Vehicle Details

Make:	Domett	Model:	E2001 PH	Trailer GVM:	32000 kg
VIN number:	7A9E20011M2023145	Chassis Number	2145	Rego:	
				Hubo:	

Standards / Codes the design must comply with

41001

Component

SRT	<input checked="" type="checkbox"/>	Certificate Number	S1271	X1	4.3 m
Load Type	<input type="checkbox"/>	Uniform Density		Y1	33 t
				Y2	35 t
				X2	4.21 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:

Date:

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

SRT Worksheet



Date: 29/03/2022 ✓
 Certifier: Inderjeet Singh ✓
 Client: TAA Logistics 2009 Ltd ✓

Job Number: 8542 ✓
 ID: ISH ✓
 Cert #: S1271 ✓

Vehicle Details

Make: Domett ✓ Model: E2001 PH ✓ Trailer GVM: 32000 kg ✓
 VIN number: 7A9E20011M2023145 ✓ Chassis Number: 2145 ✓ Rego:
 Hubo:

Suspension Details

Make: Hendrickson ✓ Model: Intraxx ✓ Fixed Steerer: AANL ZMD ✓
 Ride Height: 255 mm ✓ Steerer: N/A

Dolly

Number of Axles: 2 ✓ Hanger Centres - Dolly: 994 mm ✓
 Tyre Size: 265/70 R 19.5 ✓ Tyre Configuration: Dual ✓

Fixed

Number of Axles: 3 ✓ Hanger Centres - Fixed: 994 mm ✓
 Tyre Size: 265/70 R 19.5 ✓ Tyre Configuration: Dual ✓

Steerers

Number of Axles: 0 Hanger Centres - Steerers: 0
 Tyre Size: 265/70 R 19.5 Tyre Configuration: Dual

Load Details

Uniform Density	<input checked="" type="checkbox"/>	Mixed Freight	<input type="checkbox"/>	Other	<input type="checkbox"/>
Masses		Front	Rear	Total	
Gross		16000 kg	19000 kg	35000 kg	
Tare		3160 kg	4000 kg	7160 kg	
Load Height Max		4.30 m	Payload Cog		m
Deck Length		11.40 m	Max Height	4.30 m	
Front Deck Height:		430 + 260 + 158 + 90 + 150 + 2		=	1.090 m
Rear Deck Height:		430 + 260 + 372 + 2		=	1.064 m
		Average			1.077 m

TAA

8542

Logistic Solutions
Welcome To Agrifeeds Tauriko

Printed: 28-Mar
Exit Ticket 169743

PIN : DOM
Vehicle : DOM - DOMETTS
Tare : 7160 kg 9:36:53 am 28-Mar
Gross : 7160 kg 9:37:09 am 28-Mar

Net Wgt : 0 kg

Docket : 0008542
Product : TEST PRODUCT
Suitable for lactating dairy animals
Have a great day!

TAA

trailer

8542

Logistic Solutions
Welcome To Agrifeeds Tauriko

Printed: 28-Mar
Exit Ticket 169744

PIN : DOM
Vehicle : DOM - DOMETTS
Tare : 4000 kg 9:37:57 am 28-Mar
Gross : 4000 kg 9:38:04 am 28-Mar

Net Wgt : 0 kg

Docket : 008542
Product : TEST PRODUCT
Suitable for lactating dairy animals
Have a great day!