

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

Plate number *(optional)* VIN/chassis number  
**7 A 9 E 2 0 0 1 8 M 2 0 2 3 1 4 3**

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

Model *(optional)* **2022 E2001 PSH-33**  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 = 35t**  
**Y2 = 35t / X2 = 4.30m**  
**LOAD TYPE: UNIFORM DENSITY**

General drawing number(s)

Supporting documents  
**SRT COMPLIANCE CERT # S1263**

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)* ID number  
**INDERJEET SINGH** **ISH**

Date **22-02-2022** Number **794737**

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

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Name of vehicle owner: Booths Transport Ltd  
Address:  
SRT Compliance Certificate no: S1263  
Vehicle Identification No.(VIN): 7A9E20018M2023143  
Vehicle chassis No: 2143  
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: 11.33 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 0.35g  
This vehicle meets or exceeds the minimum SRT target of 0.35g.

Results of SRT test to be displayed on Certificate of Loading
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X1 = 4.3 metres / Y1 = 35 tonnes ; Y2 = 35 tonnes / X2 = 4.3 metres.
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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 Step deck

Inputs	Front	Rear
Load bed height (m):	1.09	0.989
Deck length (m):	3.10	8.23

### Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	16000	19000
Payload mass (kg):	12840	15300
Tare mass (kg):	3160	3700
Average load bed height (m):	1.02	
Average load height (m):	4.3	
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

Name: **Inderjeet Singh**

Vehicle Inspector/Inspecting Organisation No **ISH**

Date: **22/2/2022**

SRT Compliance Certificate no:

**S1263**

Print the Certificate

Finish

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

# SRT Worksheet



Date: 22/02/2022 ✓ Job Number: 8607 ✓  
 Certifier: Inderjeet Singh ✓ ID: ISH ✓  
 Client: Booth's Transport Ltd ✓ Cert #: S1263 ✓

## Vehicle Details

Make: Domett ✓ Model: E2001 PSH-33 ✓ Trailer GVM: 33000 kg ✓  
 VIN number: 7A9E20018M2023143 ✓ Chassis Number: 2143 ✓ Rego:   
 Hubo:

## Suspension Details

Make: Hendrickson ✓ Model: Intraxx AANL ZMD ✓ Fixed: 0  
 Ride Height: 255 mm ✓ Steerer: 0

## 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	3700 kg	6860 kg	
Load Height Max		4.30 m	Payload Cog		m
Deck Length		11.330 m	Max Height	4.30 m	
Front Deck Height:		430+255+158+90+8+139+8+2 =		1.090 m	
Rear Deck Height:		430+255+8+286+8+2 =		0.989 m	
		Average		1.02 m	

Step length  
 Front = 3.10m  
 Rear = 8.23m

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

# PDS



Date: 22/02/2022

Job Number: 8607

Certifier: Inderjeet Singh

ID: ISH

Client: Booth's Transport Ltd

### Vehicle Details

Make:	Domett	Model:	E2001 PSH-33	Trailer GVM:	33000 kg
VIN number:	7A9E20018M2023143	Chassis Number	2143	Rego:	
				Hubo:	

### Standards / Codes the design must comply with

41001

### Component

SRT	<input checked="" type="checkbox"/>	Certificate Number	S1263	X1	4.3 m
Load Type	Uniform Density			Y1	35 t
				Y2	35 t
				X2	4.3 m

### LT400

LT400 Number: 794737

### 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:

Inderjeet Singh

Date:

22/2/2022

Booths

Logistic Solutions  
Welcome To Agrifeeds Tauriko

Printed: 21-Feb  
Exit Ticket 167400

PIN : DOM  
Vehicle : DOM - DOMETTS  
Tare : 6860 kg 1:49:03 pm 21-Feb  
Gross : 6860 kg 1:49:09 pm 21-Feb

Net Wgt : 0 kg

Docket : 08607  
Product : TEST PRODUCT  
Suitable for lactating dairy animals  
Have a great day!

Booths

Logistic Solutions  
Welcome To Agrifeeds Tauriko

Printed: 21-Feb  
Exit Ticket 167401

PIN : DOM  
Vehicle : DOM - DOMETTS  
Gross : 3720 kg 1:49:48 pm 21-Feb  
Tare : 3700 kg 1:49:57 pm 21-Feb

Net Wgt : 20 kg

Docket : 08607  
Product : TEST PRODUCT  
Suitable for lactating dairy animals  
Have a great day!