

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 6 M 2 0 2 3 1 4 2

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

Model *(optional)* **2021 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

General drawing number(s) **Y2 = 35t / X2 = 4.30m**
LOAD TYPE: UNIFORM DENSITY

Supporting documents
SRT COMPLIANCE CERT # S1255

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 I S H

Date **07-01-2022** Number **794729**

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: Booths Transport Ltd
Address:
SRT Compliance Certificate no: S1255
Vehicle Identification No.(VIN): 7A9E20016M2023142
Vehicle chassis No: 2142
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: 11.330 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

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	15220
Tare mass (kg):	3160	3780
Average load bed height (m):	1.02	
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*

Name: **Inderjeet Singh**

Vehicle Inspector/Inspecting Organisation No **ISH**

Date: **7/1/2022**

SRT Compliance Certificate no:

S1255

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

PDS



Date: 7/01/2022

Job Number: 8606

Certifier: Inderjeet Singh

ID: ISH

Client: Booths Transport Ltd

Vehicle Details

Make:	Domett	Model:	E2001 PSH-33	Trailer GVM:	33000 kg
VIN number:	7A9E20016M2023142	Chassis Number	2142	Rego:	
				Hubo:	

Standards / Codes the design must comply with

41001

Component

SRT	<input checked="" type="checkbox"/>	Certificate Number	S1255	X1	4.3 m
				Y1	35 t
Load Type	Uniform Density			Y2	35 t
				X2	4.3 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:

Inderjeet Singh

Date:

7/1/2022

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

SRT Worksheet



Date: 7/01/2022 ✓ Job Number: 8606 ✓
 Certifier: Inderjeet Singh ✓ ID: ISH ✓
 Client: Booths Transport Ltd ✓ Cert #: S1255 ✓

Vehicle Details

Make: Domett ✓ Model: E2001 PSH-33 ✓ Trailer GVM: 33000 kg ✓
 VIN number: 7A9E20016M2023142 ✓ Chassis Number: 2142 ✓ 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		3780 kg	6940 kg	
Load Height Max	4.30 m		Payload Cog	m	
Deck Length	11.330 m		Max Height	4.30 m	
Front Deck Height:	430+295+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 Deck

Front length = 3.10 m

Rear length = 8.23 m

Booths

Logistic Solutions
Welcome To Agrifeeds Tauriko

Printed: 7-Jan
Exit Ticket 164397

PIN : DOM
Vehicle : DOM - DOMETTS
Tare : 6940 kg 7:48:01 am 7-Jan
Gross : 6940 kg 7:48:08 am 7-Jan

Net Wgt : 0 kg

Docket : 08606
Palm Kernel Expeller
Suitable for lactating dairy animals
Have a great day!

Booths

Logistic Solutions
Welcome To Agrifeeds Tauriko

Printed: 7-Jan
Exit Ticket 164398

PIN : DOM
Vehicle : DOM - DOMETTS
Tare : 3780 kg 7:48:47 am 7-Jan
Gross : 3780 kg 7:48:53 am 7-Jan

Net Wgt : 0 kg

Docket : 08606
Palm Kernel Expeller
Suitable for lactating dairy animals
Have a great day!