

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name <i>(PRINT IN CAPS)</i> KYLE BOSSELMANN	ID KDB
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Plate number <i>(optional)</i>	VIN/chassis number 7 A 9 E 2 0 0 1 4 P 2 0 2 3 3 9 9
Make DOMETT	Component being certified: <input type="checkbox"/> Chassis <input type="checkbox"/> Load anchorage
Model <i>(optional)</i> 2023 E2001 PH33	<input type="checkbox"/> Log bolsters <input type="checkbox"/> Towing connection <input type="checkbox"/> Brakes
Certification category HVS2	<input checked="" type="checkbox"/> SRT <input type="checkbox"/> PSV stability <input type="checkbox"/> PSV rollover
	<input type="checkbox"/> Swept path <input type="checkbox"/> 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 # S1413

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
Kyle BosseLMANN

Inspector's name *(PRINT IN CAPS)* **KYLE BOSSELMANN** ID number **K D B**

Date **23-01-2024** Number **A 01530**

CoF vehicle inspector ID <i>(if applicable)</i>	CoF vehicle inspector signature <i>(if applicable)</i>	Date
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Static Roll Threshold Compliance Certificate

Name of vehicle owner: Booths Transport
Address:
SRT Compliance Certificate no: S1413
Vehicle Identification No.(VIN): 7A9E20014P2023399
Vehicle chassis No: 2399
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: 12.19 metres
Maximum height of load or vehicle body: 4.3 metres
Front suspension type: User Defined
Rear suspension type: User Defined

I, **Kyle Bosselmann 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 Standard

Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	16000	19000
Payload mass (kg):	12790	14850
Tare mass (kg):	3210	4150
Average load bed height (m):	1.07	
Average load height (m):	4.3	
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.994	0.994
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: 

Vehicle Inspector/Inspecting Organisation No **KDB**

SRT Compliance Certificate no:

Name: **Kyle Bosselmann**

Date: **23/1/2024**

S1413