

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name (PRINT IN CAPS)  
**KYLE BOSSELMANN**

ID  
**KDB**

Plate number (optional)

VIN/chassis number  
**7 A 9 E 1 5 0 1 9 N 2 0 2 3 2 5 1**

Make  
**DOMETT**

Component being certified:

Chassis

Load anchorage

Model (optional)  
**2022 E1501**

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 = 28t**

**Y2 = 35t / X2 = 3.95m**

**LOAD TYPE: UNIFORM DENSITY**

General drawing number(s)

Supporting documents  
**SRT COMPLIANCE CERT # S1331**

Special conditions (optional)  
**AS ABOVE**

Certification expiry date (if applicable)

**OR**

Hubodometer reading (whichever comes first)

**Declaration**

Designer's ID (if different from inspector below)

Inspector's signature



Inspector's name (PRINT IN CAPS)  
**KYLE BOSSELMANN**

ID number  
**K D B**

Date

**13-03-2023**

Number

**856154**

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:

DW Butcher

Address:

SRT Compliance Certificate no:

SI331

Vehicle Identification No.(VIN):

7A9E15019N2023251

Vehicle chassis No:

2251

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 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 0.32g

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 28.7 tonnes.  
or (b) At maximum gross mass of 35 tonnes, the maximum allowable load height is 3.95 metres.

The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)
35	3.95
34	4
33	4.05
32	4.1
31	4.15
30	4.21
29	4.27
28	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 = 28 tonnes ; Y2 = 35 tonnes / X2 = 3.95 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):	12980	15420
Tare mass (kg):	3020	3580
Average load bed height (m):		1.108
Average load height (m):		4.3
Suspension type:	User Defined	User Defined
Suspension track width (m):	.94	.94
Lash (mm):	90	90
Suspension brand/model:	SAF IU28/2005RZ	SAF IU28/2005RZ
Roll stiffness/axle (Nm/radian):	1200000	1200000
Spring stiffness/spring (N/m):	470000	470000
Roll centre height from axle (m):	0.05	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: **Kyle Bosselmann**

Vehicle Inspector/Inspecting Organisation No **KDB**

Date: **13/3/2023**

SRT Compliance Certificate no:

S1331