

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

KYLE BOSSELMANN

ID

KOB

Plate number (optional)

VIN/chassis number

7 A 9 C 2 0 0 3 3 P 2 0 2 3 3 4 0

Make **DOMETT**

Component being certified:

Chassis

Load anchorage

Model (optional)

2023 C2003 PH

Log bolsters

Towing connection

Brakes

Certification category

HVS2

SRT

PSV stability

PSV rollover

Swept path

PBS

Description of work

CERTIFY SRT - 3 AXLE SEMI TRAILER

Code/standard/rule certified to

NZTA RULE 41001:2016

Component load rating(s)

X1 = 4.30m / Y1 = 19t

Y2 = 19t / X2 = 4.30m

LOAD TYPE: UNIFORM DENSITY

General drawing number(s)

Supporting documents

SRT COMPLIANCE CERT #61393B

INCLUDES IMPOSED TARE FROM REAR UNIT

Special conditions (optional)

S1393A (FRONT UNIT ONLY) X1 = 4.30m / Y1 = 16t ; Y2 = 19t / X2 = 4.07m

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 O B

Date

26-10-2023

Number

A 01510

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: Absolute Aotearoa
Address:
SRT Compliance Certificate no: S1393
Vehicle Identification No.(VIN): 7A9C20033P2023340
Vehicle chassis No: 2340
Current vehicle registration:
Type of vehicle: Semi-Trailer
No of axles in front set: 0 No of axles in rear set: 3
Deck length of vehicle: 8.23 metres
Maximum height of load or vehicle body: 4.3 metres
Front suspension type: none
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 19 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 = 19 tonnes ; Y2 = 19 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

Body Style is Standard

Mass and Suspension Data:

Inputs	Rear
Gross mass (kg):	19000
Payload mass (kg):	14340
Tare mass (kg):	4660
Average load bed height (m):	1.22
Average load height (m):	4.3
Suspension type:	User Defined
Suspension track width (m):	0.94
Lash (mm):	90
Suspension brand/model:	SAF IU25-2000RZ
Roll stiffness/axle (Nm/radian):	1200000
Spring stiffness/spring (N/m):	470000
Roll centre height from axle (m):	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: 

Vehicle Inspector/Inspecting Organisation No **KDB**

SRT Compliance Certificate no:

Name: **Kyle Bosselmann**

Date: **26/10/2023**

S1393