

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 C 2 0 0 2 4 P 2 0 2 3 3 2 3

Make **DOMETT**

Component being certified:

Chassis

Load anchorage

Model (optional) **2023 C2002 BPH**

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

General drawing number(s)

Y2 = 19t / X2 = 4.30m

LOAD TYPE: UNIFORM DENSITY

Supporting documents
SRT COMPLIANCE CERT # S1373

Special conditions (optional)
AS ABOVE

Certification expiry date (if applicable)

OR

Hubdrometer reading (whichever comes first)

Declaration

Designer's ID (if different from inspector below)

I the undersigned, declare that I am the heavy vehicle specialist

Inspector's signature

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.

Inspector's name (PRINT IN CAPS)
KYLE BOSSELMANN

ID number
K D B

Date
22-08-2023

Number

856196

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:

Mainfreight

Address:

SRT Compliance Certificate no:

SI373

Vehicle Identification No.(VIN):

7A9C20024P2023323

Vehicle chassis No:

2323

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:

10.15 metres

Maximum height of load or vehicle body:

4.3 metres

Front suspension type:

none

Rear suspension type:

User Defined

I, **Kyle Bosselmann of Donett 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 0.36g

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.

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):	14670
Tare mass (kg):	4330
Average load bed height (m):	1.198
Average load height (m):	4.3
Suspension type:	User Defined
Suspension track width (m):	0.94
Lash (mm):	104
Suspension brand/model:	ROR CS9L (Low Mount)
Roll stiffness/axle (Nm/radian):	2197000
Spring stiffness/spring (N/m):	128000
Roll centre height from axle (m):	0.035

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: **22/8/2023**

SRT Compliance Certificate no:

S1373