

VTNZ  
Mt Maunganui

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

**CAMERON HARRIS**

ID

**CNH**

Vehicle registration (optional)

VIN/chassis number

**7 A 9 C 2 0 0 2 2 M 2 0 2 3 0 9 0**

Make

**DOMETT**

Component being certified:

Chassis

Load anchorage

Model (optional)

**2021 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 = 18t**

**Y2 = 19t<sup>CA</sup> / X2 = 4.21<sup>CA</sup> m**

**LOAD TYPE: UNIFORM DENSITY**

General drawing number(s)

Supporting documents

**SRT COMPLIANCE CERT # S1208**

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



Inspector's name (PRINT IN CAPS)

**CAMERON HARRIS**

ID number

**C N H**

Date

**17-06-2021**

Number

**773780**

CoF vehicle inspector ID (if applicable)



CoF vehicle inspector signature (if applicable)



Date

**17-6-2021**

All fields are mandatory unless otherwise stated.

# Static Roll Threshold Compliance Certificate

Name of vehicle owner: Triple H Haulage  
Address:  
SRT Compliance Certificate no: S1208  
Vehicle Identification No.(VIN): 7A9C20022M2023090  
Vehicle chassis No: 2090  
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: 10.19 metres  
Maximum height of load or vehicle body: 4.3 metres  
Front suspension type: none  
Rear suspension type: User Defined

I, Cameron Harris 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 0.34g  
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 18.1 tonnes.  
or (b) At maximum gross mass of 19 tonnes, the maximum allowable load height is 4.21 metres.  
The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)
19	4.21
18	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 = 18 tonnes ; Y2 = 19 tonnes / X2 = 4.21 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):	14680
Tare mass (kg):	4320
Average load bed height (m):	1.19
Average load height (m):	4.3
Suspension type:	User Defined
Suspension track width (m):	0.94
Lash (mm):	90
Suspension brand/model:	SAF IO35/2000
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: 

Name: **Cameron Harris**

Vehicle Inspector/Inspecting Organisation No **CNH**

Date: **17/6/2021**

SRT Compliance Certificate no:

**S1208**