

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

CAMERON HARRIS

ID

CNH

Plate number (optional)

VIN/chassis number

7 A 9 D 5 0 0 2 X N 2 0 2 3 1 5 6

Make

DOMETT

Component being certified:

Chassis

Load anchorage

Model (optional)

2022 D5002

Log bolsters

Towing connection

Brakes

Certification category

HVS2

SRT

PSV stability

PSV rollover

Swept path

PBS

Description of work

CERTIFY SRT - 4 AXLE SEMI TRAILER

Code/standard/rule certified to

NZTA RULE 41001:2016

Component load rating(s)

X1 = 4.30m / Y1 = 26t

Y2 = 26t / X2 = 4.30m

LOAD TYPE: UNIFORM DENSITY

General drawing number(s)

Supporting documents

SRT COMPLIANCE CERT # S1290

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

14-07-2022

Number

827714

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: TR Group Ltd
Address:
SRT Compliance Certificate no: S1290
Vehicle Identification No.(VIN): 7A9D5002XN2023156
Vehicle chassis No: 2156
Current vehicle registration:
Type of vehicle: Semi-Trailer
No of axles in front set: 0 No of axles in rear set: 4
Deck length of vehicle: 12.2 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 26 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 = 26 tonnes ; Y2 = 26 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 | 22.5 | Large Single |
| 2 | 22.5 | Large Single |
| 3 | 22.5 | Large Single |
| 4 | 22.5 | Large Single |

Body Style is Standard

Mass and Suspension Data:

| Inputs | Rear |
|-----------------------------------|--------------------|
| Gross mass (kg): | 26000 |
| Payload mass (kg): | 21540 |
| Tare mass (kg): | 4460 |
| Average load bed height (m): | 1.364 |
| Average load height (m): | 4.3 |
| Suspension type: | User Defined |
| Suspension track width (m): | 1.145 |
| Lash (mm): | 90 |
| Suspension brand/model: | SAF Intradisc IU28 |
| Roll stiffness/axle (Nm/radian): | 1725000 |
| 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 **CNH**

SRT Compliance Certificate no:

Name: **Cameron Harris**

Date: **14/7/2022**

S1290