

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

GERRIT VISAGIE

ID

GVGV

Plate number *(optional)*

VIN/chassis number

7 A 9 D 5 0 0 2 2 P 2 0 2 3 3 9 5

Make

DOMETT

Component being certified:

Chassis

Load anchorage

Model *(optional)*

2023 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

General drawing number(s)

LOAD TYPE: UNIFORM DENSITY

Supporting documents

SRT COMPLIANCE CERT # S1406

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)*

GERRIT VISAGIE

ID number

G V

Date

05-12-2023

Number

A 01523

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: **Hilton Haulage**
Address:
SRT Compliance Certificate no: **S1406**
Vehicle Identification No.(VIN): **7A9D50022P2023395**
Vehicle chassis No: **2395**
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: **11.99 metres**
Maximum height of load or vehicle body: **4.3 metres**
Front suspension type: **none**
Rear suspension type: **User Defined**

I, **Gerrit Visagie 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 **NaNg**

This vehicle fails to meet the minimum SRT target of 0.35g. It will meet the standard if:

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.
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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	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):	21450
Tare mass (kg):	4550
Average load bed height (m):	1.39
Average load height (m):	4.3
Suspension type:	User Defined
Suspension track width (m):	1.2
Lash (mm):	90
Suspension brand/model:	SAF IU28/2005RB-10
Roll stiffness/axle (Nm/radian):	1900000
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 **GV**

SRT Compliance Certificate no:

Name: **Gerrit Visagie**

Date: **5/12/2023**

S1406