

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 1 N 2 0 2 3 2 2 4**

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


Supporting documents
SRT COMPLIANCE CERT # S1307

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 **27-10-2022** Number **827730**

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: S1307
Vehicle Identification No.(VIN): 7A9D50021N2023224
Vehicle chassis No: 2224
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 0.36g
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 = 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):	21440
Tare mass (kg):	4560
Average load bed height (m):	1.32
Average load height (m):	4.3
Suspension type:	User Defined
Suspension track width (m):	1.145
Lash (mm):	90
Suspension brand/model:	SAF IU25/2000 RB-10/RLB-10
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: **27/10/2022**

S1307