

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 T 2 0 2 3 5 6 1**

Make **DOMETT** Component being certified: Chassis Load anchorage
 Model *(optional)* **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 = 20t
Y2 = 26t / X2 = 3.90m
LOAD TYPE: UNIFORM DENSITY

Supporting documents
SRT COMPLIANCE CERT # S1548

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 **C. Harris**
 Inspector's name *(PRINT IN CAPS)* **CAMERON HARRIS** ID number **C N H**
 Date **20-04-2026** Number **H 02618**

CoF vehicle inspector ID *(if applicable)* CoF vehicle inspector signature *(if applicable)* Date

Static Roll Threshold Compliance Certificate

Name of vehicle owner: Raymond Transport Ltd
Address:
SRT Compliance Certificate no: S1548
Vehicle Identification No.(VIN): 7A9D50021T2023561
Vehicle chassis No: 2561
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 0.32g
 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 20.6 tonnes.
- or (b) At maximum gross mass of 26 tonnes, the maximum allowable load height is 3.9 metres.

The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)
26	3.9
25	3.96
24	4.03
23	4.09
22	4.17
21	4.25
20	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 = 20 tonnes ; Y2 = 26 tonnes / X2 = 3.9 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
4	19.5	Dual

Body Style is Standard

Mass and Suspension Data:

Inputs	Rear
Gross mass (kg):	26000
Payload mass (kg):	21180
Tare mass (kg):	4820
Average load bed height (m):	1.34
Average load height (m):	4.3
Suspension type:	User Defined
Suspension track width (m):	0.88
Lash (mm):	91.25
Suspension brand/model:	SAF IU28 x3 + Generic Air x1
Roll stiffness/axle (Nm/radian):	1095000
Spring stiffness/spring (N/m):	440000
Roll centre height from axle (m):	0.088

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: **20/4/2026**

SRT Compliance Certificate no:

S1548