

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 B 2 0 0 1 5 N 2 0 2 3 2 2 0**

Make **DOMETT** Component being certified: Chassis Load anchorage
Model (optional) **2022 B2001** Log bolsters Towing connection Brakes
Certification category **HVS2** SRT PSV stability PSV rollover
 Swept path PBS

Description of work
CERTIFY SRT - 2 AXLE FULL TRAILER

Code/standard/rule certified to **NZTA RULE 41001:2016** Component load rating(s) **X1 = 4.30m / Y1 = 16t**
Y2 = 16t / X2 = 4.30m
General drawing number(s) **LOAD TYPE: UNIFORM DENSITY**


Supporting documents **SRT COMPLIANCE CERT # S1303**

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 **19-10-2022** Number **827726**

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:	NZ Post
Address:	
SRT Compliance Certificate no:	S1303
Vehicle Identification No.(VIN):	7A9B20015N2023220
Vehicle chassis No:	2220
Current vehicle registration:	
Type of vehicle:	Full-Trailer
No of axles in front set: 1	No of axles in rear set: 1
Deck length of vehicle:	8.2 metres
Maximum height of load or vehicle body:	4.3 metres
Front suspension type:	User Defined
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 16 tonnes, the SRT is 0.37g

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 = 16 tonnes ; Y2 = 16 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

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	8000	8000
Payload mass (kg):	5800	6080
Tare mass (kg):	2200	1920
Average load bed height (m):	1.145	
Average load height (m):	4.3	
Suspension type:	User Defined	User Defined
Suspension track width (m):	1.2	1.2
Lash (mm):	90	90
Suspension brand/model:	SAF IU33	SAF IU33
Roll stiffness/axle (Nm/radian):	1900000	1900000
Spring stiffness/spring (N/m):	470000	470000
Roll centre height from axle (m):	0.05	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: **19/10/2022**

S1303