

Heavy vehicle specialist certificate Must be presented to a CoF (heavy) inspecting organisation if not entered into LANDATA

Heavy vehicle specialist inspector's or manufacturing inspecting organisat	ion's name (PRINT IN CAPS)
CAMERON HARRIS	CNH
Vehicle registration (optional) Vin/chassis numb	
Make	2501XK1023807
DOMETT Component being	
Model (optional) 2019 E2501 H	Towing connection Brakes
Certification category X SRT	PSV stability PSV rollover
HVS2 Swept path	PBS
Description of work	
CERTIFY SRT - 5 AXLE FULL TRAILE	R

Colored and the control of the contr	Commonwelload entire (%)
Code/standard/rule certified to NZTA RULE 41001:2016	Component load rating(s) X1 = 4.3m / Y1 = 33t
General drawing number(s)	Y2 = 35t / X2 = 4.23m
	LOAD TYPE: UNIFORM DENSITY
Supporting documents	
SRT COMPLIANCE CERT # S1012	
Special conditions (optional) AS ABOVE	
Certification expiry date (if applicable)	Hubodometer reading (whichever comes first)
Declaration	Designer's ID (if different from inspector below)
I the undersigned, declare that I am the heavy vehicle specialist	Inspector's signature
inspector identified and I hold a current valid appointment. I certify that the above mentioned vehicle component's design,	Chi's
manufacture and installation, and this certification complies in all respects with the Land Transport Rule: Vehicle Standards	Inspector's name (PRINT IN CAPS) ID number
Compliance 2002 and my appointment. To the best of my knowledge the information contained in the certificate is true	CAMERON HARRIS CN H
and correct.	Date Number 05-02-2019
	656487
CoF vehicle inspector ID (if applicable) CoF vehicle inspecto	r signature (if applicable) Date
Con verifice inspector is (quippincuoie)	. S. G. S. S. G.
All fields are mandatory uni	

New Zealand Government

Form ID

LT400

Version No. 05/18

DOMETT TRUCK & TRAILER LTD

Physical Address 189 Kennedy Road Tauriko Business Estate Tauriko

Postal Address PO Box 9458 Greerton Tauranga

PHONE 07 575 5139 07 575 5137 **FAX**



Static Roll Threshold Compliance Certificate

OTOROHANGA Name of vehicle owner:

TRANSPORT

Address:

SRT Compliance Certificate no: S1012

7A9E2501XK1023807 Vehicle Identification No.(VIN):

1807 Vehicle chassis No:

Current vehicle registration:

Type of vehicle: Full-Trailer

2 No of axles in front set: No of axles in rear set:

10.12 metres Deck length of vehicle:

Maximum height of load or vehicle body: 4.3 metres

User Defined Front suspension type:

User Defined Rear suspension type:

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 35 tonnes, the SRT is 0.34g This vehicle fails to meet the minimum SRT target of 0.35g. It will meet the standard if:

- At maximum load height of 4.3 metres, the maximum allowable gross mass is 33.2 tonnes. (a)
- At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.23 metres.

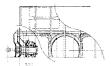
The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)	
35	4.23	
34	4.26	
33	4.3	

Note: Calculated load heights greater than the legal limit of 4.30m have been set to 4.30m

R	Lesults of SRT test to be displayed on Certificate of Loading]
7	X1 = 4.3 metres / Y1 = 33 tonnes; $Y2 = 35 tonnes / X2 = 4.23 metres$.	

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:

(0)	Axle	7 Tyre Size:	Tyre Configuration:
1		19.5	Dual
1970	2	19.5	Dual
	3	19.5	Dual
	4	19.5	Dual
	5-5-	19:50	Dual

Body Style is Standard

Mass and Suspension Data:

	Inputs	Front	Rear	
*	Gross mass (kg):	16000	19000	
	Payload mass (kg):	3260	15820	
	Tare mass (kg):	2740	3180	
	Average load bed height (m):	1.04		
	Average load height (m):	4.3		
	Suspension type:	User Defined	User Defined	
	Suspension track width (m):	0.98	0.98	
	Lash (mm):	104	104	
	Suspension brand/model:	ROR CS9L	⇒ ROR-CS9L	
	Roll stiffness/axle (Nm/radian):	2197000	2197000	
	pring stiffness/spring (N/m)	128000	128000	
	Roll centre height from axle (m):	0.035	0.035	

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

Vehicle Inspector/Inspecting Organisation No CNH
SRT Compliance Certificate no:

Name: Cameron Harris

Date: 4/2/2019

S1012



