

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

] <u>CNH</u>
Vehicle registration (optional)	VIN/chassis number		_ _ _ _ _
Make			
DOMETT	Component being certified:	Chassis	Load anchor
Model (optional) 2018 D2001	Log bolsters	Towing connection	Brakes
Certification category	JSRT XJSRT	PSV stability	PSV rollover
HVS2	Swept path	PBS	
Description of work			
CERTIFY SRT - 4 AXLE F	ULL TRAILER		
Code/standard/rule certified to		t load rating(s)	
NZTA RULE 41001:2016		= 4.3m / Y1 = 2	ı 6t
General drawing number(s)		= 32t / X2 = 3.9	
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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 **FAX** 07 575 5137



Static Roll Threshold Compliance Certificate

Name of vehicle owner:

Robbie Linehaul

Address:

SRT Compliance Certificate no:

S992

Vehicle Identification No.(VIN):

7A9D20015J1023789

Vehicle chassis No:

1789

Current vehicle registration:

Type of vehicle:

Full-Trailer

No of axles in front set:

No of axles in rear set:

Deck length of vehicle:

10.3 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, Greetton, 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 32 tonnes, the SRT is 0.33g This vehicle fails to meet the minimum SRT target of 0.35g. It will meet the standard if:

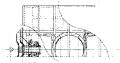
- At maximum load height of 4.3 metres, the maximum allowable gross mass is 26.8 tonnes.
- At maximum gross mass of 32 tonnes, the maximum allowable load height is 3.99 metres. or (b) The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)
32	3.99
31	4.04
30	4.1
29	4.15
28	4.21
27	4.27
· 26	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 = 26 tonnes; $Y2 = 32 tonnes / X2 = 3.99 metres$.	1

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:
1 386	19.5	Dual
2	19.5	Dual
3		Dual
4	195	Dual
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Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear	
Gross mass (kg):	16000	16000	
Payload mass (kg):	12620	12820	
Tare mass (kg):	3380	3180	
Average load bed height (m):	1.085		
Average load height (m):	4.3		
Suspension type:	User Defined	User Defined	
Suspension track width (m):	0.94	0.94	
Lash (mm):	90	90	
Suspension brand/model:	SAF IU28/2005RZ-68A	SAF IU28/2005RZ-68A	
Roll stiffness/axle (Nm/radian):	1200000	1200000	
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 the compliance of the complex control of the certificate is true and correct the complex control of the certificate is true and correct the complex control of the certificate is true and correct the complex control of the certificate is true and correct the complex control of the certificate is true and correct the complex control of the certificate is true and correct the certificate complex control of the certificate control of the certificat

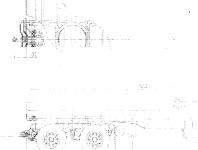
Signed: Vehicle Inspector/Inspecting Organisation No CNH
SRT Compliance Certificate no:

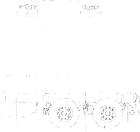
Name: Cameron Harris

Date: 8/11/2018

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