

Heavy vehicle specialist certificate

Must be presented to a CoF (heavy) inspecting organisation Heavy vehicle specialist inspector and inspecting organisation

The state of the s			CNH
Vehicle registration (optional)	VIN/chassis number 7 A 9 B 2	<u> 0 0 1 8 J 1</u>	0 2 3 6 9 5
Make DOMETT	Component being certif		Load anchorag
Model (optional) 2018 B2001	Log bolsters	Towing connection	
Certification category HVS2	X SRT Swept path	PSV stability PBS	PSV rollover
Description of work	***************************************	magazet	
CERTIFY SRT - 2 AXLE F	FULL TRAILER		
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Code/standard/rule certified to	Cor	mponent load rating(s)	33.000
NZTA RULE 41001:2016		X1 = 4.3m / Y1 =	14t
General drawing number(s)		Y2 = 16t / X2 = 4	
		LOAD TYPE: UN	IFORM DENSITY
Supporting documents			
Supporting documents SRT COMPLIANCE CERT :	# S934		
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New Zealand Government

Form ID

LT400

Version No. 06/16

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**

www.domett-trailers.co.nz

Static Roll Threshold Compliance Certificate

Name of vehicle owner:

D & K Trucking Ltd

Address:

SRT Compliance Certificate no:

S934

Vehicle Identification No.(VIN):

7A9B20018J1023695

Vehicle chassis No:

1695

Current vehicle registration:

Type of vehicle:

Full-Trailer

No of axles in front set:

No of axles in rear set:

Deck length of vehicle:

7.3 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, 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 0.33g This vehicle fails to meet the minimum SRT target of 0.35g. It will meet the standard if:

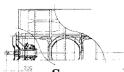
- At maximum load height of 4.3 metres, the maximum allowable gross mass is 14.3 tonnes. (a)
- At maximum gross mass of 16 tonnes, the maximum allowable load height is 4.08 metres. or (b) The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)
16	4.08
15	4.2
14	4.3

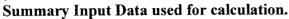
Note: Calculated load heights greater than the legal limit of 4.30m have been set to 4.30m

Results of SRT test to be displayed on Certificate of Loading	
X1 = 4.3 metres / Y1 = 14 tonnes; $Y2 = 16 tonnes / X2 = 4.08 metres$.	

The type of test carried out to establish this rating was: NZTA SRT Calculator Version 2.10c



1 1



Tyre Data:

<u>্</u>	Axle	7 63 Tige Size:	Tyre Configuration:
9		19.5	Dual 1936
340	2	19.5	Dual

Body Style is Sloping deck

Inputs		Front A	Rear
Load bed height (m):	ŮŮ		1.085
Load height (m):	976	4.3	4.3

Mass and Suspension Data:

1	Inputs	Front	Rear	
	Gross mass (kg):	3000	8000	
	Payload mass (kg):	5860	6160	
	Tare mass (kg):	2140	1840	
	Average load bed height (m):	1.0	95	
	Average load height (m):	4.3		
	Suspension type:	User Defined	User Defined	
-	Suspension track width (m):	0.94	0.94	
	Lash (mm):	90	90	
	persion brand/model:	SAF Intradrum IU30/2505RZ-68A	SAF Intradrum IU30/2505RZ-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	
			Y 1041	

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: 20/2/2018

S934

