

Heavy vehicle specialist certificate

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

		BJS
Vehicle registration (optional)	VIN/chassis number	4101010171610
Make	7A9D15013J	
DOMETT	Component being certified: Chassis	Load anchorag
Model (optional) 2018 D1501	Log bolsters Towing conne	ction Brakes
Certification category	X SRT PSV stability	PSV rollover
HVS2	Swept path PBS	
Description of work	i de la como de la compania de la c La compania de la co	
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Code/standard/rule certified to	Component load rating(s)	
NZTA RULE 41001:2016	X1 = 4.3m / Y1	= 24t
General drawing number(s)	Y2 = 30t / X2 = 3.95m	
	LOAD TYPE:	
Supporting documents		
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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:

Carter Holt Harvey Ltd

Address:

SRT Compliance Certificate no:

S962

Vehicle Identification No.(VIN):

7A9D15013J1023760_

Vehicle chassis No:

1760

Current vehicle registration:

Type of vehicle:

Full-Trailer

No of axles in front set:

2

No of axles in rear set:

2

Deck length of vehicle:

9.5 metres

Maximum height of load or vehicle body:

4.3 metres
User Defined

Front suspension type: Rear suspension type:

User Defined

I, Bruce Sutton 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 30 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 24.1 tonnes.
- or (b) At maximum gross mass of 30 tonnes, the maximum allowable load height is 3.95 metres.

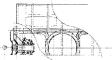
The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)	
30	3.95	
29	4.01	
28	4.06	
27	4.11	
26	4.16	
25	4.22	
24	24 4.29	

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 = 24 tonnes; $Y2 = 30 tonnes / X2 = 3.95 metres$.

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:
	19.5	Dual
2 5613	19.5	Dual
3	19.5	Dual
4	195	Dual

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear	
Gross mass (kg):	15000	15000	
Payload mass (kg):	12300	12580	
Tare mass (kg):	2700	2420	
Average load bed height (m):	1.12		
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 Intradisc IU33/2510RZ	SAF Intradisc IU33/2510RZ	
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

Signed: Blue

Vehicle Inspector/Inspecting Organisation No BJS

SRT Compliance Certificate no:

Name: Bruce Sutton

Date: 9/7/2018

S962

