

New Zealand Government

Heavy vehicle specialist certificate

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

CAMERON HA	RRIS	THE STATE OF THE S	nam mysky y holys og a gaggaa agagaa agagaa prinaasyk ka	CNH
Vehicle registration (optional)	and the second of the second o	VIN/chassis number 7 A 9 E	2 0 0 1 7 J 1	0 2 3 7 5 1
Make DOMETT Model (optional) 2018 E2001 PH		Component being certified:		Load anchorag
		Log bolsters	Towing connection	
Certification category HVS2		SRT Swept path	PSV stability PBS	PSV rollover
Description of work				VAN TI DESCRIBE STELLY DE SEA ATRE FILLION
Code/standard/rule certified to NZTA RULE 41		C	omponent load rating(s) $X1 = 4.3 \text{m} / Y1 = 3$	32t
General drawing number(s)			Y2 = 35t / X2 = 4.1	\$
Supporting documents SRT COMPLIA Special conditions (optional)	NCE CERT # S	8957 		
AS ABOVE Certification expiry date (if appl.)	орнова пака ворно объектов до това объекто от тако от това объекто от тако от това от това от това от това от т	or H	ubodometer reading (whichever comes	first
Declaration		D	esigner's ID (if different from inspector be	ow)
I the undersigned, declare that I am the heavy vehice inspector identified and I hold a current valid appearing that the above mentioned vehicle compone manufacture and installation, and this certification all respects with the Land Transport Rule: Vehice Compliance 2002 and my appointment. To the knowledge the information contained in the certification.		ntment. I s design,	spector's signature	
		tandards In st of my	spector's name (PRINT IN CAPS) CAMERON HARF	RIS C N H
and correct.	ortained in the certificat		25-06-2018 Num	628578
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CoF vehicle inspector ID	C	oF vehicle inspector sig	gnature Date	en e
		are mandatory unless		

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 FAX 07 575 5137



Static Roll Threshold Compliance Certificate

Name of vehicle owner:

Booths Transport

Address:

SRT Compliance Certificate no:

S957

Vehicle Identification No.(VIN):

7A9E20017J1023751

Vehicle chassis No:

1751

Current vehicle registration:

Type of vehicle:

Full-Trailer

No of axles in front set:

2

No of axles in rear set:

3

Deck length of vehicle:

11.22 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

Uniform density Description: Assumes load mass is centred midway vertically between load bed and load height.

type:

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:

(a) At maximum load height of 4.3 metres, the maximum allowable gross mass is 32.6 tonnes.

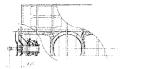
or (b) At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.19 metres. The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)	
35	4.19	
34	4.23	
33	4.27	
32	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 = 32 tonnes; $Y2 = 35 tonnes / X2 = 4.19 metres$.	

The type of test carried out to establish this rating was: NZTA SRT Calculator Version 2.12c



Summary Input Data used for calculation.

Tvre Data:

Axle	Tyre Size:	Tyre Configuration:
1 Mac	19.5	Dual
2	19.5	Dual
3	19.5	Dual
4	19:50 1400	Dual
5	1980 CIC	Dual

Body Style is Standard

Mass and Suspension Data:

Înputs	Tront Tront	Rear	
Gross mass (kg):	16000	19000	
Payload mass (kg):	12880	15320	
Tare mass (kg):	3120	3680	
Average load bed height (m):	1.08		
Average load height (m):	4.3		
Suspension type:	User Defined	User Defined	
Suspension track width (m):	0.994 0.994		
Eash (mm):	0	0	
	Hendrikson Intraax	Hendrikson Intraax	
Suspension brand/model:	AANL ZMD	AANL ZMD	
Roll stiffness/axle (Nm/radian):	1824776	1824776	
Spring stiffness/spring (N/m):	350000	350000	
Roll centre height from axle (m):	0.051	0.051	

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: Ctos

Vehicle Inspector/Inspecting Of ganisation No CNH

SRT Compliance Certificate no:

Name: Cameron Harris

Date: 25/6/2018

S957