

# 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 in CAMERON HARRIS	nspecting organisat	ion's name (PRINT	'IN CAPS)	ID	CNH
Vehicle registration (optional)	VIN/chassis numb		117111	J oJ 2J :	3 7 7 9
Make DOMETT	Component being		Chassis	onine.	Load anchorage
Model (optional) 2018 E2001 PSH	Log bolsters		Towing connections	on	Brakes PSV rollover
Certification category  HVS2	SRT Swept path	-	PBS	*******	Ji 3v rollover
Description of work		· ****			
Code/standard/rule certified to		Component le	oad rating(s)		
NZTA RULE 41001:2016		X1 = ·	4.3m / Y1 =	32t	***************************************
General drawing number(s)			35t / X2 = 4 ) TYPE: UN		
SRT COMPLIANCE CERT # S  Special conditions (optional)  AS ABOVE					
Certification expiry date (if applicable)	or	Hubodometer	reading (whichever cor	nes first)	
Declaration		Designer's ID	(if different from inspector	below)	
I the undersigned, declare that I am the heavy vehicle inspector identified and I hold a current valid appoint that the above mentioned vehicle component	intment. I 's design,	Inspector's sig	gnature Se		
manufacture and installation, and this certification complies in all respects with the Land Transport Rule: Vehicle Standards Compliance 2002 and my appointment. To the best of my knowledge the information contained in the certificate is true and correct.		CAM Date	me (PRINT IN CAPS) ERON HAR No. 0-2018	ımber	ID number CINIHI 3461
CoF vehicle inspector ID (if applicable)	CoF vehicle inspecto	r signature (if app	Date		

All fields are mandatory unless otherwise stated.

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** 

Name of vehicle owner:

**Booth Transport** 

Address:

**SRT Compliance Certificate no:** 

S988

Vehicle Identification No.(VIN):

7A9E20017J1023779

Vehicle chassis No:

Current vehicle registration:

Type of vehicle:

**Full-Trailer** 

No of axles in front set:

No of axles in rear set:

Deck length of vehicle:

11.33 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 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:

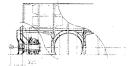
- At maximum load height of 4.3 metres, the maximum allowable gross mass is 32.7 tonnes. (a)
- At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.19 metres. or (b) The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)	
35	4.19	
34	4.24	
33	4.28	
32	<i>1</i> 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	
$X_1 = 4.3 \text{ metres} / Y_1 = 32 \text{ tonnes}$ ; $Y_2 = 35 \text{ tonnes} / X_2 = 4.19 \text{ metres}$ .	

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:

. 342	Axle 5835 Tyre Size:		Tyre Configuration:	
	1	19.5	Dual	
	× 2	19.5	Dual	
	3	1936	Dual	
	4	19.5	Dual	
	5	19.5	Dual	

### **Body Style is Standard**

#### Mass and Suspension Data:

Inputs	(D) (Bront (D)	Rear	
Gross mass (kg):	16000	19000	
Payload mass (kg):	12880	15260	
Tare mass (kg):	3120	3740	
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	
Lash (mm):	0	0	
Suspension brand/model:	Hendrickson Intraax AANL ZMD	Hendrickson Intraax 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:

Vehicle Inspector/Inspecting Organisation No CNH

SRT Compliance Certificate no:

Name: Cameron Harris

Date: 26/10/2018

S988



