

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 inspect	ng organisation's name (PRINT IN CAPS)	
CAMERON HARRIS		CNH
Vehicle registration (optional)	assis number A 9 E 2 0 0 1 3 J 1 0 2 5	ا اساسا ا
iviake	A) 9) E) 2] 0) 0 1 3 J 1 0 2 1 2 1 2 2 2 2 2 2	Load anchorage
Model (optional) 2018 E2001 PH	g bolstersTowing connection	Brakes
Certification category	PSV stability vept path PBS	PSV rollover
Description of work		
CERTIFY SRT - 5 AXLE FULL 1	RAILER	·
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
		incanon and an analysis and
Code/standard/rule certified to	Component load rating(s)	
NZTA RULE 41001:2016	X1 = 4.3m / Y1 = 33t	
General drawing number(s)	Y2 = 35t / X2 = 4.2m	
	LOAD TYPE: UNIFORM	DENSITY J
Supporting documents  SRT COMPLIANCE CERT # S982		
OIL COMILIANOL OLIVE# 0302		·
Special conditions (optional)		
AS ABOVE		
Certification expiry date (if applicable)	Or Hubodometer reading (whichever comes first)	
Declaration	Designer's 1D (if different from Inspector below)	
I the undersigned, declare that I am the heavy vehicle special inspector identified and I hold a current valid appointment certify that the above mentioned vehicle component's designation of the component of th	Inspector's signature	
manufacture and installation, and this certification compl	s .	ID number
in all respects with the Land Transport Rule: Vehicle Standar Compliance 2002 and my appointment. To the best of a knowledge the information contained in the certificate is tr	CAMERON HARRIS	
and correct.	Date Number	\450
	09-10-2018 656	6453
CoF vehicle inspector ID (if applicable)  CoF vehicle inspector ID (if applicable)	le inspector signature (if applicable)  Date	
COI VEII	Date	

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



www.domett-trailers.co.nz

# **Static Roll Threshold Compliance Certificate**

Name of vehicle owner:

**Booths Transport** 

Address:

SRT Compliance Certificate no:

S982

Vehicle Identification No.(VIN):

7A9E20013J102377

Vehicle chassis No:

1777

Current vehicle registration:

Type of vehicle:

Full-Trailer

No of axles in front set:

No of axles in rear set:

Deck length of vehicle:

11.22 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 type:

Uniform density

2

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:

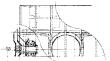
- (a) At maximum load height of 4.3 metres, the maximum allowable gross mass is 33 tonnes.
- or (b) At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.2 metres. The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)		
35	4.2		
34	4.25		
33	4.29		
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 = 33  tonnes; $Y2 = 35  tonnes / X2 = 4.2  metres$ .		

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:
	1	S 0 0 7	9.5	Dual
240	i 2 59	10	19.5	Dual
	3		19.5	Dual
Ī	_{z.} 4	7 3	19.5	Dual
-  [		- A A	195	Dual

**Body Style is Standard** 

#### Mass and Suspension Data:

Inputs	Front	Rear	
Gross mass (kg):	16000	19000	
Payload mass (kg):	12800	15260	
Tare mass (kg)#	200	3740	
Average load bed height (m):	1.075		
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:	Hendrikson Intraax AANL ZMD	Hendrikson Intraax AANL ZMD	
Roll stiffness/axle (Nm/radian):	1824776	1824776	
Spring stiffness/spring (N/m):	350000	350000	
centre height from axle (iii):	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: 9/10/2018

S982

Print the Certificate

Finish