ANSPORT JENCY

Heavy vehicle specialist certificate Must be presented to a CoF (heavy) inspecting organisation if not entered into LANDATA

				J	CNH
Vehicle registration (optional)	VIN/chassis numbe	r 2 0 0 1	lalklal	01213	lalola
Make DOMETT	Component being	i i	Chassis	<u> </u>	Load anchorag
Model (optional)	Log bolsters		Towing connection		Brakes
2019 E2001 PH			SV stability	and the same of th	PSV rollover
Certification category	X SRT		PBS	ज्यस्तरी। -	J. 34 (ciliote)
HVS2 Description of work	Swept path	لـــ	103		
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ode/standard/rule certified to		Component load	rating(s)		
NZTA RULE 41001:2016	79.7 (19.19 to 19.11	22.	3m / Y1 = 2	29t	
Seneral drawing number(s)		Y2 = 3	5t / X2 = 4.0	02m	ક્ષાસ્ત્ર મામલા ભાગ અને અને તે એક તે એ
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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:

AS Wilcox

Address:

SRT Compliance Certificate no:

S1014

Vehicle Identification No.(VIN):

7A9E20019K1023803

Vehicle chassis No:

1803

Current vehicle registration:

Type of vehicle:

Full-Trailer

No of axles in front set:

No of axles in rear set:

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Deck length of vehicle:

11.71 metres

Maximum height of load or vehicle body:

4.3 metres
User Defined

Front suspension type: 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 0.33g This vehicle fails to meet the minimum SRT target of 0.35g. It will meet the standard if:

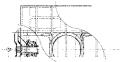
- (a) At maximum load height of 4.3 metres, the maximum allowable gross mass is 29.9 tonnes.
- or (b) At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.02 metres. The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)	
35	4.02	
34	4.07	
33	4.12	
32	4.17	
31	4.22	
30	4.29	
29	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 = 29 tonnes; $Y2 = 35 tonnes / X2 = 4.02 metres$.	

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:

				Particular of the state of the	
 	Axle		Tyre Size:	Tyre Configuration:	
O	1		19.5	Dual	
340	2 3476		19.5	Dual	
	3		19.5	Dual	
	× 4	k k	19.5	Dual	
	-5	*	19.5	Dual	
E/862	C2 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -	التصورو			

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear	
Gross mass (kg):	16000	19000	
Payload mass (kg);	12840	15000	
Tare mass (kg):	3160	4000	
Average load bed height (m):	1,08		
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 IU28/2005RZ-68A	SAF IU28/2005RZ-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	

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: 11/2/2019

S1014

