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 inspec	ting organisation's name (PRINT	N CAPS)	ID
MATTHEW CONNOLLY			MHC
	chassis number		
	A 9 E 2 0 0	1] 8] K] 1] () 2 3 8 7 3
Make DOMETT Corr	ponent being certified:	Chassis	Load anchorage
Model (optional)	Log bolsters	Towing connection	Brakes
2019 E2001 PH	CDT	PSV stability	PSV rollover
Certification category		-	
	Swept path	PBS	
Description of work	enterentura construente construente de		
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Code/standard/rule certified to	Component lo	200207000700000000000000000000000000000	
NZTA RULE 41001:2016		4.30m / Y1 = 3	
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Supporting documents	VEO.		
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Special conditions (optional) AS ABOVE			
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		reading (whichever comes fi	
Certification expiry date (if applicable) Declaration			
Declaration I the undersigned, declare that I am the heavy vehicle speci	Designer's ID	(if different from inspector below	
Declaration I the undersigned, declare that I am the heavy vehicle speci inspector identified and I hold a current valid appointme certify that the above mentioned vehicle component's des	Designer's ID allist nt. I sign,	Cif different from inspector below	
Declaration I the undersigned, declare that I am the heavy vehicle speci- inspector identified and I hold a current valid appointme certify that the above mentioned vehicle component's des- manufacture and installation, and this certification compinall respects with the Land Transport Rule: Vehicle Stand	Designer's ID allist nt. I sign, olies ards Inspector's sign	Cif different from inspector below nature me (PRINT IN CAPS)	v) ID number
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New Zealand Government Version No. 05/18 Form ID

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:

Towards Transport Ltd

Address:

SRT Compliance Certificate no:

S1058

Vehicle Identification No.(VIN):

7A9E20018K1023873

Vehicle chassis No:

1873

Current vehicle registration:

Type of vehicle:

Full-Trailer

No of axles in front set:

No of axles in rear set:

11.25 metres

Maximum height of load or vehicle body:

4.30 metres

Front suspension type:

User Defined

Rear suspension type:

Deck length of vehicle:

User Defined

I, Matthew Connolly 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:

- At maximum load height of 4.3 metres, the maximum allowable gross mass is 33.2 tonnes.
- At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.21 metres. or (b)

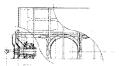
The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)
35	4.21
34	4.25
33	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; $Y2 = 35 tonnes / X2 = 4.23$	l 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:

2	Axle	Tyre Size:	Tyre Configuration:
		19.5	Dual 1885.
	2	19.5	Dual
	3	19.5	Dual
	A 4 * * *	19.5	Dual
	5	TIPO 19/50 CIPO	Dual

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear			
Gross mass (kg):	16000	19000			
Payload mass (kg):	2740	15120			
Tare mass (kg):	3260	3880			
Average load bed height (m):	1.080				
Average load height (m):	4.	30			
Suspension type:	User Defined	User Defined			
Suspension track width (m):	0.994	0.944			
Lash (mm):	0	0			
Suspension brand/model:	Hendrickson Intraax AANL ZMD	Hendrickson Intraax AANL ZMD			
Roll stiffness/axle (Nm/raction):	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

Vehicle	[/Imama ati		ronico	ion	Νİ		М	HC.
venicie	inspector	mspecu	ing Oil	gamsai	HOI	TAC	٠.	TATE	uC

SRT Compliance Certificate no:

Name: Matthew Connolly

Date: 26/8/2019

S1058