

Heavy Vehicle Specialist Certificate

Must be presented to a CoF (Heavy) Inspecting Organisation Heavy Vehicle Specialist Inspector and Inspecting Organisation

Heavy Vehicle Specialist Inspector's or Manufacturing Inspecting Organis BRUCE SUTTON	Baz			
Vehicle Registration* VIN/Chassis Num		1023508		
Component being certified: Chassis Towing Conf	Load Anchor			
Certification Category PSV Stability PBS				
Description of Work Certify SRT - 5	axle full T	railer		
Code/Standard/Rule Certified to N2TA Rule 41001:2002	Component Load Rating(s) $X1 = 4 \cdot 25m / 1$	VI= 30T		
General Drawing Number(s)	12= 357 /) Load Type:	detaile the second and a second		
Supporting Documents SRT Comphance Cert # S798				
Special Conditions*				
As Above				
Certification Expiry Date (If applicable)	Hubodometer Reading (whichev	er comes first)		
Declaration	Designer's ID (if different from inspe	ictor below)		
I the undersigned, declare that I am the Heavy Vehicle Specialist Inspector identified and I hold a current valid appointment. I certify that the above mentioned vehicle component's design,	Inspector's Signature			
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	Inspector's Name (PRINT IN CAPS	5) ID Number		
knowledge the information contained in the Certificate is true and correct.	Date 28/6/2016	Number 540068		
CoF Vehicle Inspector ID CoF Vehicle Inspect All fields excluding those marked with * must be co				

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: Hemming Transport &

Engineering Ltd

Address:

SRT Compliance Certificate no: S798

Vehicle Identification No.(VIN): 7A9E20018G1023508

Vehicle chassis No: 1508

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: 11.4 metres

Maximum height of load or vehicle body: 4.25 metres

Front suspension type: User Defined

Rear suspension type: User Defined

I, Bruce Sutton of Domett Truck and Trailer, PO Box 5215, Mt Maunganui 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 4.25 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 4.25 metres, the maximum allowable gross mass is 30.7 tonnes.
- or (b) At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.01 metres.

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

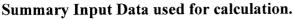
Gross Mass (tonnes)	Load Height (m)	
35	4.01	
34	4.06	
33	4.11	
32	4.16	
31	4.22	
30	4.25	

Note: Calculated load heights greater than the legal limit of 4.25m have been set to 4.25m

Results of SRT test to be displayed on Certificate of Loading
X1 = 4.25 metres / Y1 = 30 tonnes; $Y2 = 35 tonnes / X2 = 4.01 metres$.

The type of test carried out to establish this rating was: NZTA SRT Calculator Version 2.01c





Tyre Data:

The Control of the Co		These sections are a section as
Axle	Tyre Size:	Tyre Configuration:
	19.5	Dual Hass
2	19.5	Dual
3	19.5	Dual
	195	Dual
<u></u>		Dual
	1914(i) 1914(i) 18	40-4

Body Style is Standard

Mass and Suspension Data:

	Inputs	Front	Rear	
	Gross mass (kg):	16000	19000	
	Payload mass (kg):	12760	15000	
	Tare mass (kg):	3240	4000	
	Average load bed height (m):	1.09		
	Average load height (m): 4.25		.25	
	Suspension type:	User Defined	User Defined	
	Suspension track width (m):	0.94	0.94	
	Lash (mm):	90	90	
<u>.</u>	Suspension brand/model	SAF Intradisc IU28/2005RZ	SAW Intradisc IU28/2005RZ	
	Roll stiffness/axle (Nm/radian):	1200000	1200000	
	Spring stiffness/spring (N/m):	470000	470000	
	Roll centre height from axle (m):	0.05	0.05	
		(100)	(2)	

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 BJS

RT Compliance Certificate not

Name: Bruce Sutton

Date: 28/6/2016

S798

