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	ting organisati	on's name (PRIN	T IN CAPS)	ID	BJS
	chassis numbe		hblh	lo le la	<u> </u>
DOMETT	ponent being	certified:	Chassis	-	Load anchorage
Model (optional)	Log bolsters		Towing connecti	ión	Brakes
2018 E2501 H Certification category	SRT		PSV stability	era esta esta esta esta esta esta esta est	PSV rollover
· · · · · · · · · · · · · · · · · · ·	Swept path		PBS	-	- 4
Description of work		7			
CERTIFY SRT - 5 AXLE FULL T	RAILER				
Code/standard/rule certified to		Component l	oad rating(s)		annan ann a-manannan an t-
NZTA RULE 41001:2016			.3m / Y1 = :	28t	
General drawing number(s)			35t / X2 = 3.		
		LOAD	TYPE: UNI	FORM D	ENSITY
Supporting documents SRT COMPLIANCE CERT # S991 Special conditions (optional) AS ABOVE					
Certification expiry date (if applicable)	or 	Hubodometel	r reading (whichever co	mes first)	***************************************
Declaration		Designer's ID	(if different from inspector	rbelow)	
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 designed.	it. I ign,	Inspector's si	gnature		
manufacture and installation, and this certification comp in all respects with the Land Transport Rule: Vehicle Standa	ırds	7.	ime (PRINT IN CAPS)		ID number
Compliance 2002 and my appointment. To the best of knowledge the information contained in the certificate is t			E SUTTON		
and correct.		Date 05-11	MAG	_{umber} 656	6464
CoF vehicle inspector ID (if applicable)	nicle inspector	signature (if app	olicable) 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 **FAX** 07 575 5137



www.domett-trailers.co.nz

Static Roll Threshold Compliance Certificate

Name of vehicle owner:

Farmers Transport

Address:

SRT Compliance Certificate no:

S991

Vehicle Identification No.(VIN):

7A9E25016J1023785

Vehicle chassis No:

1785

Current vehicle registration:

Type of vehicle:

Full-Trailer

No of axles in front set:

No of axles in rear set:

Deck length of vehicle:

10.7 metres

Maximum height of load or vehicle body:

4.3 metres

Front suspension type:

User Defined

Rear suspension type:

User Defined

I, Bruce Sutton 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 0.32g 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 28.5 tonnes.
- At maximum gross mass of 35 tonnes, the maximum allowable load height is 3.97 metres. or (b)

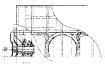
The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)	
35	3.97	
34	4.02	
33	4.06	
32	4.11	
31	4.15	
30	4.21	
29	4.26	
28	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 = 28 tonnes; $Y2 = 35 tonnes / X2 = 3.97 metres$.	

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:

- 22		record and the control of the contro	TO COMPANY OF THE PARTY OF THE	
(C)	Axle	Tyre Size:	Tyre Configuration:	
100	1	19.5	Dual	
194	2	19.5	Dual	
	3	19.5	Dual	
	$ ^4$	19.5	Dual	
	5	19.5	Dual	
S. Charles	100 100 100 100 100 100 100 100 100 100	According (To Indicate) According (1)		

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear	
Gross mass (kg)	16000	19000	
Payload mass (kg):	13300	15900	
Tare mass (kg):	2700	3100	
Average load bed height (m):	1.04		
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 Intradisc IU28/2005RZ	SAF 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	

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

SRT Compliance Certificate no:

Name: Bruce Sutton

Date: 5/11/2018

S991