

## **Heavy Vehicle Specialist Certificate**

Heavy Vehicle Specialist Inspector and Inspecting Organisation

Heavy Vehicle Specialist Inspector's Name (PRINT IN CAPS)  BRUCE SUTTO	N	BIS
Vehicle Registration*  VIN / Chase		0023852
		chorage Log Bolsters
Certification Category HVS 2	ng Connection Brakes	L-SKI
Description of Work Centry SR	T- Laxle -	full Trailer
Code/Standard Certified to	Component Load Rating	(s)
NZTA Rule 41001:2002	X1= 4-25m	termination of the second seco
General Drawing Number(s)	Y2 = 30T/	x2= 4.06m
Supporting Documents Complance Cer	+ # S392	
*Special Conditions As Above.		
Certification Expiry Date (if applicable)	Or Hubodometer Reading (w	hichever comes first)
Declaration  I the undersigned, declare that I am the Heavy Vehicle	Designer's ID (if certified by	a manufacturer)
Specialist Inspector identified above and I hold a current valid appointment. I certify that the above mentioned	Inspector's / Delegate's S	ignature
vehicle component's design, manufacture and installation, and this certification complies in all respects with the Land	*Delegate's Name (PRINT IN	CAPS
Transport Rule Vehicle Standards Compliance 2002 and my		
Deed of Appointment. To the best of my knowledge the information contained in this Certificate is true and correct.	8/10/2009.	312239
COF Vehicle Inspector ID:	nspector Signature:	D <b>å</b> te

LT400

Version No. 08/08

Form ID

New Zealand Government

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www.domett-trailers.co.nz

# Static Roll Threshold Compliance Certificate

Name of vehicle owner:

Address:

SRT Compliance Certificate no:

Vehicle Identification No.(VIN):

Vehicle chassis No:

Current vehicle registration:

Type of vehicle:

No of axles in front set:

Deck length of vehicle:

Maximum height of load or vehicle body:

Front suspension type:

Rear suspension type:

Gemmell Haulage LTD

12 Matemuri Drive,

Tauranga

7A9D2001690023852

852

Full-Trailer

No of axles in rear set:

9.125 metres

4.25 metres

**User Defined** 

**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 30 tonnes, the SRT is 0.34g This vehicle fails to meet the minimum SRT standard of 0.35g. It will meet the standard if:

- At maximum load height of 4.25 metres, the maximum allowable gross mass is 26.7 tonnes.
- At maximum gross mass of 30 tonnes, the maximum allowable load height is 4.06 metres.

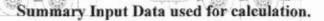
The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m) 4.06	
30		
29	4.11	
28	4.16	
27	4.22	
26	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 = 26 tonnes; Y2 = 30 tonnes / X2 = 4.06 metres.

The type of test carried out to establish this rating was: LTSA SRT Calculator Version 1.32c



#### Tyre Data:

- C	All the second s	18 B
Axle	Tyre Size:	Tyre Configuration:
	19.5	Dual
	19.5	Dual
3	19.5	Dual
4	19.5	Dual

### **Body Style is Standard**

#### Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	15000	15000
Payload mass (kg):	11940	12220
Tare mass (kg):	3060	2780
Average load bed height (m):	1.07	
Average load height (m):	4.25	
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: 8/10/2009

S392