

New Zealand Government

Heavy Vehicle Specialist Certificate

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

Version No. 11/14

Heavy Vehicle Specialist Inspector's or Manufacturing Inspecting Organisa BRUCE SUTTON	ation's Name (PRINT	IN CAPS)	BJS
Vehicle Registration* VIN/Chassis Numl 7 A 9 E		16616	1234911
Component being certified: Chassis		Load Anchorage	Log Bolsters
Towing Conn	ACTION SECTION	Brakes	Y SRT
Certification Category HVS 2 PBS		PSV Rollover	Swept Path
Description of Work Certify SRT- 5 axl	e F41(trailer	
Code/Standard/Rule Certified to NZTA Rule 41001: 2002	Component Los $X = A \cdot a$	ad Rating(s) 25m / YI = 3	60 T
General Drawing Number(s)	Y2= 33	5 T /x2=	4.02m
Supporting Documents	Load 1	pe: Unto	mal Density
SRT Compliance Cet # S	784	mennenkenkepekkepekboobooboobooboobooboo	nazzanezzemnaderaketeksek didakteksek delekseksekseksekseksekseksekseksekseksekse
Special Conditions*			
As Above			
Certification Expiry Date (if applicable)	Hubodometer R	eading (whichever comes f	irst)
Declaration	Designer's ID (if	different from inspector below	v)
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 Sign	ature	
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 Nan	ne (PRINT IN CAPS)	ID Number
knowledge the information contained in the Certificate is true and correct.	Date	Numb	er
	28/4/20	016	540058
CoF Vehicle Inspector ID CoF Vehicle Inspector	or Signature	Date	
All fields excluding those marked with * must be con	apleted before thi	s certificate can be a	ccepted.

Form ID

LT400

PHONE 07 575 5139 FAX 07 575 5137



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:

2

Deck length of vehicle:

Maximum height of load or vehicle body:

Front suspension type:

Rear suspension type:

Livingstone Transport Ltd

S784

7A9E20016G1023491

1491

Full-Trailer

No of axles in rear set:

3

11.3 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 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 30.8 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:

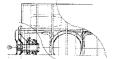
Gross Mass (tonnes)	Load Height (m)	
35	4.02	
34	4.07	
33	, 4.12	
32	4.17	
31	4.23	
30	4.25	

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 = 4.02 metres.

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



Summary Input Data used for calculation.

Tyre Data:

==		The state of the s	
(i)	Axle	Tyre Size:	Tyre Configuration:
>	1	19.5	Dual BASE
1949_	2	19.5	Dual
	3	19.5	Dual
	4		Dual
1	[6733 C5	1939	Dual
_	Charles Charles	(4) (4) (4) (4)	W.W

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear		
Gross mass (kg):	6000	19000		
Payload mass (kg):	12740	-15020		
Tare mass (kg):	3260	3980		
Average load bed height (m):	1.08			
Average load height (m):	4.25			
Suspension type:	User Defined	User Defined		
Suspension track width (m):	0.94	0.94		
Lash (mm):	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 por

Name: Bruce Sutton

Date: 28/4/2016

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