

New Zealand Government

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	sation's Name (PRINT IN CAPS)	ID
GARRAD BELL		GRB
Vehicle Registration* VIN/Chassis Num 7 A 9 D	nber 035019G1	023460
Component being certified: Chassis Towing Conr	Load Anchorage Brakes	Log Bolsters
Certification Category PSV Stability		Swept Path
	AXLE FULL TRAIL	
	ARCE FULL TRAIL	

Code/Standard/Rule Certified to NZTA RILE 4/001: 2002	Component Load Rating(s) $X/ = 4 \cdot 25m / Y/ = .$	7 <i><</i> +
General Drawing Number(s)	$y_2 = 32 + /x_2 =$	3.87m
Consortion Decreases	LOAD TYPE: UNI	FORM DENSITY
Supporting Documents SRT COMPLIANC	ECERT #577.	3
e in the se		
Special Conditions* AS ASOVE		
Certification Expiry Date (if applicable) Or	Hubodometer Reading (whichever comes	first)
Declaration	Designer's ID (if different from inspector belo	nw)
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	Inspector's Name (PRINT IN CAPS)	ID Number
Compliance 2002 and my Appointment. To the best of my knowledge the information contained in the Certificate is true	GARRAO BECC	J GRB
and correct.	Date Numl	517750
CoF Vehicle Inspector ID CoF Vehicle Inspect	or Signature Date	

Form ID

LT400

Version No. 11/14

PHONE 07 575 5139 07 575 5137



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:

2

Deck length of vehicle:

Maximum height of load or vehicle body:

Front suspension type:

Rear suspension type:

Bulklines Ltd

S773

7A9D35019G1023460

1460

Full-Trailer

No of axles in rear set:

7.3 metres

4.25 metres

User Defined

User Defined

I, Garrad Bell 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 4.25 metres and a max. allowable gross mass of 32 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 4.25 metres, the maximum allowable gross mass is 25.4 tonnes. (a)
- At maximum gross mass of 32 tonnes, the maximum allowable load height is 3.87 metres. The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

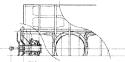
Gross Mass (tonnes)	Load Height (m)
32	3.87
31	3.91
30	3.97
29	4.02
58% 28	4.07
27	4.13
26	4.2
25	4.25

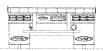
Note: Calculated load heights greater than the legal limit of 4.25m have been set to 4.25m

Results of SRT test to be displayed on Certificate of Loading

X1 = 4.25 metres / Y1 = 25 tonnes; Y2 = 32 tonnes / X2 = 3.87 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:

-			TO THE WAY OF
1	Axle	Tyre Size:	Tyre Configuration:
	1 5810	1715 19.5	Dual
	2	19.5	Dual
	3 % 3	19.5	Dual
	4	195 10	Dual
1 6	Approximation of the second of		

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear	
Gross mass (kg):	16000	16000	
Payload mass (kg):	12920	13220	
Tare mass (kg):	3080	2780	
Average load bed height (m):	1.	16	
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 INTRADRUM IU25/2000RZ-68A	SAF INTRADRUM IU25/2000RZ-68A	
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 GRB

SRT Compliance Certificate no:

Name: Garrad Bell

Date: 1/3/2016

S773

