

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 Organisation's Name (PRINT IN CAPS) ID

GARRAD BELL **GRB**

Vehicle Registration* VIN/Chassis Number

T804Z **7A9D25013C1023094**

Component being certified:

<input type="checkbox"/> Chassis	<input type="checkbox"/> Load Anchorage	<input type="checkbox"/> Log Bolsters
<input type="checkbox"/> Towing Connection	<input type="checkbox"/> Brakes	<input checked="" type="checkbox"/> SRT
<input type="checkbox"/> PSV Stability	<input type="checkbox"/> PSV Rollover	<input type="checkbox"/> Swept Path
<input type="checkbox"/> PBS		

Certification Category

HUS2

Description of Work

CERTIFY SRT - 5 AXLE FULL TRAILER

(5th AXLE ADDITION)

S

Code/Standard/Rule Certified to

NZTA RULE 41001: 2002

General Drawing Number(s)

Component Load Rating(s)

X1 = 4.25m / Y1 = 32t

Y2 = 32t / X2 = 4.25m

LOAD TYPE: UNIFORM DENSITY

Supporting Documents

SRT COMPLIANCE CERT # 5748

Special Conditions*

AS ABOVE

Certification Expiry Date (if applicable)

or Hubodometer Reading (whichever comes first)

Declaration

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, 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 knowledge the information contained in the Certificate is true and correct.

Designer's ID (if different from inspector below)

Inspector's Signature

Garrad Bell

Inspector's Name (PRINT IN CAPS) ID Number

GARRAD BELL **GRB**

Date

29/10/2015

Number

517730

CoF Vehicle Inspector ID CoF Vehicle Inspector Signature Date

All fields excluding those marked with * must be completed before this certificate can be accepted.



Static Roll Threshold Compliance Certificate

Name of vehicle owner:

Ongarue Transport Ltd

Address:

SRT Compliance Certificate no:

S748

Vehicle Identification No.(VIN):

7A9D25013C1023094

Vehicle chassis No:

1094

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:

9.75 metres

Maximum height of load or vehicle body:

4.25 metres

Front suspension type:

User Defined

Rear suspension type:

User Defined

I, Garrad Bell 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 32 tonnes, the SRT is 0.36g

This vehicle meets or exceeds the minimum SRT target of 0.35g.

Results of SRT test to be displayed on Certificate of Loading

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

Axle	Tyre Size:	Tyre Configuration:
1	19.5	Dual
2	19.5	Dual
3	19.5	Dual
4	19.5	Dual
5	19.5	Dual

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	15000	17000
Payload mass (kg):	10360	10980
Tare mass (kg):	4640	6020
Average load bed height (m):	1.06	
Average load height (m):	4.25	
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.98	0.98
Lash (mm):	100	100
Suspension brand/model:	BPW AU-0002NZ	BPW AU-0002NZ
Roll stiffness/axle (Nm/radian):	1156831	1156831
Spring stiffness/spring (N/m):	150000	150000
Roll centre height from axle (m):	0.007	0.007

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: *Garrad Bell*
 Vehicle Inspector/Inspecting Organisation No
GRB
 SRT Compliance Certificate no:

Name: **Garrad Bell**
 Date: **29/10/2015**
S748