

# 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)

GARRAD BELL

ID

GRB

Vehicle Registration\*

VIN/Chassis Number

7A9E25019F1023416

Component being certified:

Chassis

Load Anchorage

Log Bolsters

Towing Connection

Brakes

SRT

PSV Stability

PSV Rollover

Swept Path

PBS

Certification Category

HUS 2

Description of Work

CERTIFY SRT - 5 AXLE FULL TRAILER

S

Code/Standard/Rule Certified to

NZTA RULE 41001:2002

Component Load Rating(s)

X1 = 4.25m / Y1 = 35t

Y2 = 35t / X2 = 4.25m

LOAD TYPE: UNIFORM DENSITY

General Drawing Number(s)

Supporting Documents

SRT COMPLIANCE CERT # S740

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)

GARRAD BELL

ID Number

GRB

Date

18/9/2015

Number

517724

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:

S740

Vehicle Identification No.(VIN):

7A9E25019F1023416

Vehicle chassis No:

1416

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:

10.1 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 35 tonnes, the SRT is 0.35g

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 = 35 tonnes ; Y2 = 35 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):	16000	19000
Payload mass (kg):	13080	15920
Tare mass (kg):	2920	3080
Average load bed height (m):	1.04	
Average load height (m):	4.25	
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.98	0.98
Lash (mm):	104	104
Suspension brand/model:	ROR CS9	ROR CS9
Roll stiffness/axle (Nm/radian):	2197000	2197000
Spring stiffness/spring (N/m):	128000	128000
Roll centre height from axle (m):	0.035	0.035

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: **18/9/2015**  
**S740**