

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
7A9D50024F1023435

Component being certified:

- Chassis
- Load Anchorage
- Log Bolsters
- Towing Connection
- Brakes
- SRT
- PSV Stability
- PSV Rollover
- Swept Path
- PBS

Certification Category
HUS2

Description of Work
CERTIFY SRT - 4 AXLE SEMI TRAILER

Code/Standard/Rule Certified to
NZTA 41001:2002

Component Load Rating(s)
X1 = 4.25m / Y1 = 26t
Y2 = 26t / X2 = 4.25m
LOAD TYPE: UNIFORM DENSITY

General Drawing Number(s)

Supporting Documents
SRT COMPLIANCE CERT # S758

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 Number
1/12/2015 517739

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:

Address:

SRT Compliance Certificate no:

Vehicle Identification No.(VIN):

Vehicle chassis No:

Current vehicle registration:

Type of vehicle:

No of axles in front set: 0

Deck length of vehicle:

Maximum height of load or vehicle body:

Front suspension type:

Rear suspension type:

Waharoa Transport

S758

7A9D50024F1023435

1435

Semi-Trailer

No of axles in rear set: 4

13.84 metres

4.25 metres

none

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 26 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 = 26 tonnes ; Y2 = 26 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	22.5	Wide Single
2	22.5	Wide Single
3	22.5	Wide Single
4	22.5	Wide Single

Body Style is Standard

Mass and Suspension Data:

Inputs	Rear
Gross mass (kg):	26000
Payload mass (kg):	21080
Tare mass (kg):	4920
Average load bed height (m):	1.3
Average load height (m):	4.25
Suspension type:	User Defined
Suspension track width (m):	1.145
Lash (mm):	90
Suspension brand/model:	SAF IU25/2000
Roll stiffness/axle (Nm/radian):	1725000
Spring stiffness/spring (N/m):	470000
Roll centre height from axle (m):	-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: **1/12/2015**

S758