NZ TRANSPORT AGENCY

Heavy Vehicle Specialist Certificate

Must be presented to a Transport Service Delivery Agent

Heavy Vehicle Specialist Inspector and Inspecting Organisation

Heavy Vehicle Specialist Inspector's Name | ID

GEORGE BARBOUR | GRB4

Vehicle Registration

VIN / Chassis Number

7 A 9 E 2 0 0 1 8 D 1 0 2 3 1 8 1

Component being certified:

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

Certification Category

HVS2

Description of Work

PROVIDE SRT CERTIFICATE IN ACCORDANCE WITH SECTION 3 OF THE VEHICLE DIMENSIONS AND MASS RULE 41001.

Code/Standard Certified to

VDM 2002 RULE 41001

Component Load Rating(s)

X1 = 4.25m / Y1 = 35 tonnes

Y2 = 35 tonnes / X2 = 4.25m

General Drawing Number(s)

3000-34 C-E2001-SL

Supporting Documents

SRT COMPLIANCE CERTIFICATE ATTACHED

*Special Conditions

THIS CERTIFICATE IS A STATEMENT OF COMPLIANCE AT THE TIME OF CERTIFICATION ONLY AND DOES NOT OFFER OR IMPLY ANY GUARANTEE OR WARRANTY WITH RESPECT TO THE WORK CERTIFIED OR ANY OTHER ASPECT OF THIS VEHICLE. COMPONENT/VEHICLE IS TO BE RE-INSPECTED BY A LAND TRANSPORT NZ APPROVED HEAVY VEHICLE SPECIALIST CERTIFIER ON OR BEFORE THE CERTIFICATION EXPIRY DATE STATED. THIS CERTIFICATION IS NULL & VOID IF VEHICLE/COMPONENT IS SUBSEQUENTLY MODIFIED, ACCIDENT DAMAGED, OR RE-CERTIFIED.

Certification Expiry Date or Period *or* Hubodometer Reading (whichever comes first)

N/A

Declaration

I the undersigned, declare that I am the Heavy Vehicle Specialist Inspector named above and I hold a current valid appointment to that effect, that the above mentioned vehicle complies with the design, manufacture and installation, and this certification complies in all respects with the Land Transport Rule Vehicle Dimensions and Mass 2002 and my Deed of Appointment. To the best of my knowledge the information contained in this certificate is true and correct.

Designer's ID (if applicable)

Inspector's / Delegate's Signature

*Delegate's/Inspector's Name (please print) | ID number

Date | Number

20-08-2013 | 442767

COF vehicle inspector Signature | Date

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

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Static Roll Threshold Compliance Certificate

Name of vehicle owner:	**Rodney Transport**
Address:	
SRT Compliance Certificate no:	**3000-34**
Vehicle Identification No.(VIN):	**7A9E20018D1023181**
Vehicle chassis No:	**1181**
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:	**11.2 metres**
Maximum height of load or vehicle body:	**4.25 metres**
Front suspension type:	**User Defined**
Rear suspension type:	**User Defined**

I, **George Barbour** of **Matrixx Consultants, PO Box 886, Tauranga** 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 standard 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: LTSA SRT Calculator Version 1.32c

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):	12580		14740
Tare mass (kg):	3420		4260
Average load bed height (m):		1.08	
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: _____ Name: **George Barbour**

Vehicle Inspector/Inspecting Organisation No **GRB4** Date: **20/8/2013**

SRT Compliance Certificate no: 3000-34