

# Heavy vehicle specialist certificate Must be presented to a CoF (heavy) inspecting organisation if not entered into LANDATA

Heavy vehicle specialist inspector's or manufacturing inspecting org	ganisation's name (PRINT IN CAPS)			
JAYE RIDDLE	RJA			
Vehicle registration (optional)  VIN/chassis	9 E 1 5 0 1 0 K 1 0 2 3 8 5 2			
Make	t being certified: Chassis Load anchorage			
Model (optional) Log bo				
Certification category  HVS2  Swept				
Description of work				
CERTIFY SRT - 5 AXLE FULL TRA	ALER			
nacevenum valdaka oo				
entre de la companya				
Code/standard/rule certified to	Component load rating(s)			
NZTA RULE 41001:2016	X1 = 4.30m / Y1 = 32t			
General drawing number(s)	Y2 = 35t / X2 = 4.16m  LOAD TYPE: UNIFORM DENSITY			
	LUAD TTPE. UNIFORM DENGITT			
Supporting documents SRT COMPLIANCE CERT # S1042				
Special conditions (optional)				
AS ABOVE				
	Hubodometer reading (whichever comes first)			
Certification expiry date (if applicable)	Of Hubodometer reading (whichever comes first)			
Declaration	Designer's 1D (if different from inspector below)			
I the undersigned, declare that I am the heavy vehicle specialist	Inspector's signature			
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	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	JAYE RIDDLE RIJIA			
and correct.	Date Number 17-06-2019			
	<u>17-06-2019</u> <b>68</b> 0017			
CoF vehicle inspector ID (if applicable)  CoF vehicle inspector signature (if applicable)  Date				

Version No. 05/18 New Zealand Government LT400 Form ID

#### **DOMETT TRUCK & TRAILER LTD**

**Physical Address** 189 Kennedy Road Tauriko Business Estate Tauriko

**Postal Address** PO Box 9458 Greerton Tauranga

PHONE 07 575 5139 **FAX** 07 575 5137



www.domett-trailers.co.nz

# Static Roll Threshold Compliance Certificate

Name of vehicle owner:

McLEOD HIABS

Address:

SRT Compliance Certificate no:

S1042

Vehicle Identification No.(VIN):

7A9E15010K1023852

Vehicle chassis No:

1852

**Current vehicle registration:** 

Type of vehicle:

**Full-Trailer** 

No of axles in front set:

No of axles in rear set:

Deck length of vehicle:

10.4 metres

Maximum height of load or vehicle body:

4.3 metres

Front suspension type:

**User Defined** 

Rear suspension type:

**User Defined** 

I, Jaye Riddle 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

2

Description: Assumes load mass is centred midway vertically

between load bed and load height.

At a max. load height of 4.3 metres and a max. allowable gross mass of 35 tonnes, the SRT is 0.34g This vehicle fails to meet the minimum SRT target of 0.35g. It will meet the standard if:

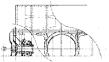
- At maximum load height of 4.3 metres, the maximum allowable gross mass is 32.1 tonnes.
- At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.16 metres. or (b) The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m) 4.16	
35		
34	4.21	
33	4.25	
32	4.3	

Note: Calculated load heights greater than the legal limit of 4.30m have been set to 4.30m

Results of SRT test to be displayed on Certificate of Loading				
X1 = 4.3  metres / Y1 = 32  tonnes; $Y2 = 35  tonnes / X2 = 4.16  metres$ .				

The type of test carried out to establish this rating was: NZTA SRT Calculator Version 2.12c



# Summary Input Data used for calculation.

### Tyre Data:

	Axle	71-16	Tyre Size:	Tyre Configuration:
	1		19.5	Dual
100	2 - 36	10	19.5	Dual
	3		19.5	Dual
	<b>A</b> 4	2 2	19.5	Dual
			19.50 1.10	Dual

**Body Style is Standard** 

## Mass and Suspension Data:

Inputs	Front	Rear	
Gross mass (kg):	16000	19000	
Payload mass (kg):	93,020	15500	
Tare mass (kg):	2980	3500	
Average load bed height (m):	1.130		
Average load height (m):	4.3		
Suspension type:	User Defined	User Defined	
Suspension track width (m):	0.98	0.98	
Lash (mm):	104	104	
Suspension brand/model:	ROR CS9T	ROR-CS9T	
Roll stiffness/axle (Nm/radian):	2197000	2197000	
Spring stiffness/spring (N/m)	128000	128000	
Roll centre height from axle (m):	0	0 4	

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 RJA

SRT Compliance Certificate no:

Name: Jaye Riddle

Date: 17/6/2019

S1042