

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 CAMERON HARR		nisation's name (PRINT	TIN CAPS)	CNH
Vehicle registration (optional)	VIN/chassis nu 7 A 9	umber E 1 5 0	1 6 J 1 0	2 3 7 0 8
Make DOMETT			Chassis	Load anchorage
Model (optional) 2018 E150	■ 1 製造 ■ 製造 ● 1 製造 ・ 1 を表示する 1 また 1 ま	ers	Towing connection	Brakes
Certification category HVS2	SRT Swept pa	th	PSV stability PBS	PSV rollover
Description of work				
Code/standard/rule certified to NZTA RULE 4100	1:2016	Component l	oad rating(s) 4.3m / Y1 = 30t	
General drawing number(s)		Y2 = 35t / X2 = 4.01m LOAD TYPE: UNIFORM DENSITY		**************************************
Supporting documents SRT COMPLIANC Special conditions (optional)	E CERT # S958			
AS ABOVE	чиничения в применя по по на на подписно на посто по подписно на посто по			
Certification expiry date (if applicable)		Hubodometer	r reading (whichever comes first)	
Declaration		Designer's ID	(if different from inspector below)	
I the undersigned, declare that I am inspector identified and I hold a c certify that the above mentioned	current valid appointment. I vehicle component's design,	Inspector's sig	gnature	en e
manufacture and installation, and in all respects with the Land Trans Compliance 2002 and my appoint knowledge the information contain and correct.	port Rule: Vehicle Standards ntment. To the best of my	and the second s	ime (PRINT IN CAPS) IERON HARRIS Number	D number
and correct		and the second of the second o	6-2018	28579
CoF vehicle inspector ID	CoF vehicle insp	ector signature	Date	
	All fields are mandatory	/ unless otherwise s	itated.	

DOMETT TRUCK & TRAILER LTD

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www.domett-trailers.co.nz

Static Roll Threshold Compliance Certificate

Name of vehicle owner:

StraightNZ Linehaul

Address:

SRT Compliance Certificate no:

S958

Vehicle Identification No.(VIN):

7A9E15016J1023708

Vehicle chassis No:

1708

Current vehicle registration:

Type of vehicle:

Full-Trailer

No of axles in front set:

No of axles in rear set:

3

Deck length of vehicle:

12.25 metres

Maximum height of load or vehicle body:

4.3 metres

Front suspension type:

User Defined

Rear suspension type:

User Defined

I, Cameron Harris 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 0.33g This vehicle fails to meet the minimum SRT target of 0.35g. It will meet the standard if:

- (a) At maximum load height of 4.3 metres, the maximum allowable gross mass is 30 tonnes.
- or (b) At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.01 metres.

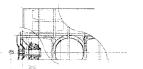
The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)	
35	4.01	
34	4.07	
33	4.12	
32	4.17	
31	4.23	
30	4.29	

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	
$X_1 = 4.3 \text{ metres} / Y_1 = 30 \text{ tonnes}$; $Y_2 = 35 \text{ tonnes} / X_2 = 4.01 \text{ m}$	netres.

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	Tyre Size:	Tyre Configuration:
1	19.5	Dual
2	19.5	Dual
3	19.5	Dual
4	- F.	Dual
5	<u> </u>	Dual

Body Style is Sloping deck

Inputs	Front	Rear
Load bed height (m):	1.115	1.095
Load height (m)	4.3	4.3

Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	16000	19000
Payload mass (kg):	12600	14880
Tare mass (kg):	3400	4120
Average load bed height (m):	1.1	.05
Average load height (m):		3
Suspension type:	User Defined	User Defined
Spension track width (m):	0.94	0.94
Lash (mm):	90	90
Suspension brand/model:	SAF Intradisc IU28/2005RZ-68A	SAF Intradisc IU25/2000RZ-68A
Roll stiffness/axle (Nm/radian):	1200000	1200000
Spring stiffness/spring (N/m):	470000	470000
Roll centre height from axle (m):	0.05	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 CNH

SRT Compliance Certificate no:

Name: Cameron Harris

Date: 27/6/2018

S958