

New Zealand Government

Heavy vehicle specialist certificate

Must be presented to a CoF (heavy) inspecting organisation Heavy vehicle specialist inspector and inspecting organisation

CAMERON HARRIS				CNH
Vehicle registration (optional)	VIN/chassis numb	^{er} 2 5 0 1 3	H111012	3 5 6 1
Make DOMETT	Component being			Load anchorage
Model (optional) 2017 E2501PH	Log bolsters	Towir	g connection	Brakes
Certification category	XSRT		tability	PSV røllover
HVS2 Description of work	Swept path	PBS		
CERTIFY SRT - 5 AXLE FU	JLL TRAILE	R		
		***************************************	***************************************	
	i e diplome de commentante de commentante de commentante de commentante de commentante de commentante de commen			
Code/standard/rule certified to NZTA RULE 41001:2002		Component load ratin	_{g(s)} n / Y1 = 31t	
General drawing number(s)		Mily and the second control of the second co	X2 = 4.06m	A DENICITY
Supporting documents		LOAD I YE	PE: UNIFORM	DENSILL
SRT COMPLIANCE CERT #	S849			
Special conditions (optional)				
AS ABOVE				an en
Certification expiry date (If applicable)	or	Hubodometer reading	(whichever comes first)	
Declaration		Designer's ID (if different	from inspector below)	
I the undersigned, declare that I am the heavy vehic		Designer's ID (if different Inspector's signature	from inspector below)	
	pointment. I ent's design,		from inspector below)	
I the undersigned, declare that I am the heavy vehicinspector identified and I hold a current valid appropriate that the above mentioned vehicle componer manufacture and installation, and this certification all respects with the Land Transport Rule: Vehicl Compliance 2002 and my appointment. To the	pointment. I ent's design, on complies e Standards best of my			ID number
I the undersigned, declare that I am the heavy vehicinspector identified and I hold a current valid appropriate that the above mentioned vehicle componer manufacture and installation, and this certification all respects with the Land Transport Rule: Vehicle	pointment. I ent's design, on complies e Standards best of my	Inspector's signature Inspector's name (PRIN	- FIN CAPS) Number	
I the undersigned, declare that I am the heavy vehicinspector identified and I hold a current valid appropriate that the above mentioned vehicle componer manufacture and installation, and this certification all respects with the Land Transport Rule: Vehicl Compliance 2002 and my appointment. To the knowledge the information contained in the certification.	pointment. I ent's design, on complies e Standards best of my	Inspector's signature Inspector's name (PRIN	- FIN CAPS) Number	ID number
I the undersigned, declare that I am the heavy vehicinspector identified and I hold a current valid appropriate that the above mentioned vehicle componer manufacture and installation, and this certification all respects with the Land Transport Rule: Vehicl Compliance 2002 and my appointment. To the knowledge the information contained in the certification.	pointment. I ent's design, on complies e Standards best of my	Inspector's signature Coloris signature Inspector's name (PRIN Date 20-01-201	- FIN CAPS) Number	

Form ID

LT400

Version No. 06/16

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



Static Roll Threshold Compliance Certificate

Name of vehicle owner:

Ellesmere Transport

Address:

SRT Compliance Certificate no:

S849

Vehicle Identification No.(VIN):

7A9E25013H1023561

Vehicle chassis No:

1561

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:

10.37 metres

Maximum height of load or vehicle body:

4.25 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

at the time of inspection this vehicle achieved a rating on a Static Roll Threshold test as follows:

Using standard load

Uniform density Description: Assumes load mass is centred midway

type:

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

- At maximum load height of 4.25 metres, the maximum allowable gross mass is 31 tonnes.
- or (b) At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.06 metres. The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)	
35	4.06	
34	4.1	
33	4.15	
32	4.19	
31	4.24	
30	4.25	

Note: Calculated load heights greater than the legal limit of 4.25m have been set to 4.25m

-	Results of SRT test to be displayed on Certificate of Loading
	X1 = 4.25 metres / Y1 = 31 tonnes; $Y2 = 35 tonnes / X2 = 4.06 metres$.

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:

~				
2	Axle		Tyre Size:	Tyre Configuration:
40	1	5810	19.5	Dual
	2		19.5	Dual
	3	· # 7	== 19.5= == 1	Dual
	4		30 196 36	Dual
	5		195	Dual

Body Style is Sloping deck

Inputs	Front	Rear
Load bed height (m):	0.993	0.973
Load height (in):		4.25

Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	16000	19000
Payload mass (kg):	12820	15920
Tare mass (kg):	3180	3080
Average load bed height (m):	0.985	
erage load height (m):	4.2	25
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.94	0.94
Lash (mm):	90	90
Suspension brand/model:	SAF Intradisc IU28/2005RB-10	SAF Intradisc IU28/2005RB-10
Roll stiffness/axle (Nm/radian);	1200000	1200000
Spring stiffness/spring (N/m):	470000	470000
Roll centre height from axle (m):	0.05	0.05

Lertify that I am a vehicle inspector appointed under section 2 of Land Transport Rule: Vehicle Standards Compliance 2002: Control of the 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 Date: 20/1/2017

SRT Compliance Certificate no:

Name: Cameron Harris