## RANSPORT AGENCY

# 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 i	nspecting organisat	ion's name (PRIN	「IN CAPS)	ID	
CAMERON HARRIS					CNH
Vehicle registration (optional)	VIN/chassis numb		l 2l 4l Jl	1 0 2	2 3 8 0 8
Make DOMETT	Component being		Chassis		Load anchorage
Model (optional) 2019 D1502	Log bolsters		Towing conne		Brakes
Certification category  HVS2	X SRT Swept path		PSV stability PBS		PSV rollover
Description of work	<b>-</b>				
CERTIFY SRT - 4 AXLE SE	MI TRAILE	R	ag al de same de senera de sen La senera de senera	nonnannunannannanaonun Iddadadadadadadadadadadad	nunnunnunnunnunnunnunnunnunnunnunnunnun
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	recipiones escriberar escriber	**********************	<del>cessessores social</del> es socies	***************************************	endante de acconstante de la constante de la c
Code/standard/rule certified to		Component l	oad rating(s)		
NZTA RULE 41001:2016		g gaggaras an	4.3m / Y1	= 22t	
General drawing number(s)		Marianian and a series and a se	24t / X2 =	********************	AA DENOITY
Supporting documents		LOA	D TYPE: U	JNIFOR	M DENSITY
SRT COMPLIANCE CERT #	S1026				
Special conditions (optional)					
AS ABOVE	***************************************	· <del>onicareon nacrenamina</del> ·	<del>aasaanaassaassaassaassaas</del>		
Certification expiry date (if applicable)	or	Hubodomete	reading (whicheve	er comes first)	
Declaration		Designer's ID	(if different from inspe	ector below)	
I the undersigned, declare that I am the heavy vehicle inspector identified and I hold a current valid appointment of the control of the cont	intment, I	Inspector's si	gnature		
certify that the above mentioned vehicle component manufacture and installation, and this certification	complies	Inspector's na	me (PRINT IN CAPS	·	ID number
in all respects with the Land Transport Rule: Vehicle ! Compliance 2002 and my appointment. To the be	st of my		IERON HA	Na nive Cheroneeri i sassa sassi se	
knowledge the information contained in the certifica and correct.	ite is true	Date		Number	
		27-0	3-2019	6	80001
CoF vehicle inspector ID (if applicable)	CoF vehicle inspector	signature (if on	licable) Da	i.	
Cor verticle inspector to (if applicable)	cor vernicie inspector	Signature (II ap)	meable)		
			,		

All fields are mandatory unless otherwise stated.

New Zealand Government

Form ID

LT400

Version No. 05/18

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

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

**Postal Address** PO Box 9458 Greerton Tauranga

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



### **Static Roll Threshold Compliance Certificate**

Name of vehicle owner:

TR GROUP

Address:

SRT Compliance Certificate no:

S1026

Vehicle Identification No.(VIN):

7A9D15024J1023808

Vehicle chassis No:

1808

Current vehicle registration:

Type of vehicle:

Semi-Trailer

No of axles in front set:

No of axles in rear set:

Deck length of vehicle:

**15.26** metres

Maximum height of load or vehicle body:

4.3 metres

Front suspension type:

none

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

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 24 tonnes, the SRT is 0.34g This vehicle fails to meet the minimum SRT target of 0.35g. It will meet the standard if:

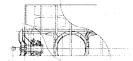
- At maximum load height of 4.3 metres, the maximum allowable gross mass is 22 tonnes. (a)
- At maximum gross mass of 24 tonnes, the maximum allowable load height is 4.13 metres. or (b) The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)		
24	4.13		
23	4.21		
22	4.29		
21	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 = 22  tonnes; $Y2 = 24  tonnes / X2 = 4.13  metres$ .	

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:

100			TO THE STATE OF TH	4 (a) 14 (a) 1
(0)	Axle	ען ע	Tyre Size:	Tyre Configuration:
1363	1		19.5	Dual
	2		19.5	Dual
	<u> </u>	Z X	49.5	Dual
	4	A	1950	Dual
		100		

Body Style is Standard

Mass and Suspension Data:

Inputs	Rear		
Gross mass (kg):	24000		
Payload mass (kg):	18380		
Tare mass (kg):	5620		
Average load bed height (m):	1.325		
Average load height (m):	4.3		
Suspension type:	User Defined		
Suspension track width (m):	0.88		
Lash (mm):	90		
Suspension brand/model:	3x SAF IU33-2510 & 1x SAF IU30-		
Bolf stiffness/axle (Nm/radian):	1095000		
Spring stiffness/spring (N/m):	440000		
Roll centre height from axle (m):	0.088		

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: 27/3/2019

S1026

