

## 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	inspecting organisati	on's name (PRINT IN CAPS)		CNH
Vehicle registration (optional)	VIN/chassis number 7 A 9 E		2 J J J 1	0 2 3 8 0 0
Make DOMETT	Component being		nssis	Load anchorage
Model (optional) 2018 E3501	Log bolsters		ving connection	e service de la companya del companya de la companya del companya de la companya
Certification category  HVS2	SRT Swept path	PS\  PBS	/ stability	PSV rollover
Description of work				
CERTIFY SRT - 5 AXLE FU	LL TRAILE	<b>R</b>		
Code/standard/rule certified to NZTA RULE 41001:2016		Component load rat X1 = 4.3r	3200 000 000 000 000 000 000 000 000 000	27t
General drawing number(s)		Y2 = 35t	/ X2 = 3.8	37m
Supporting documents SRT COMPLIANCE CERT # 5	S1005	LUAD	***************************************	FORM DENSITY
Special conditions (optional)  AS ABOVE				
Certification expiry date (if applicable)	or 	Hubodometer readir	g (whichever comes	first)
Declaration		Designer's ID (if differe	nt from inspector bel	ow)
I the undersigned, declare that I am the heavy vehicle inspector identified and I hold a current valid appoi		Inspector's signature		
certify that the above mentioned vehicle component manufacture and installation, and this certification in all respects with the Land Transport Rule: Vehicle	complies	Inspector's name (PR	INT IN CAPS)	ID number
Compliance 2002 and my appointment. To the be knowledge the information contained in the certification.	est of my	CAMERO	ON HARE	RIS JOINTH J
and correct.		Date 09-01-20	Num 119	656480
CoF vehicle inspector ID (if applicable)	CoF vehicle inspector	signature (if applicable)	Date	

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 **FAX** 07 575 5137



**Static Roll Threshold Compliance Certificate** 

Name of vehicle owner:

Greg Mitchell Cartage

Address:

SRT Compliance Certificate no:

S1005

Vehicle Identification No.(VIN):

7A9E35012J1023800

Vehicle chassis No:

1800

Current vehicle registration:

Type of vehicle:

Full-Trailer

No of axles in front set:

No of axles in rear set:

Deck length of vehicle:

8.4 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 · Description:

2

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 0.32g This vehicle fails to meet the minimum SRT target of 0.35g. It will meet the standard if:

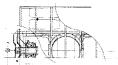
- At maximum load height of 4.3 metres, the maximum allowable gross mass is 27.5 tonnes.
- At maximum gross mass of 35 tonnes, the maximum allowable load height is 3.87 metres. or (b) The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

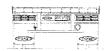
Gross Mass (tonnes)	Load Height (m)	
35	3.87	
34	3.91	
33	3.97	
32	4.02	
31	4.07	
30	4.12	
29	4.19	
28	4.25	
27	4.3	

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 = 27  tonnes; $Y2 = 35  tonnes / X2 = 3.87  metres$ .	

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:

Ξ.		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1	Axle	Tyre Size:	Tyre Configuration:
y .		19.5	Dual
	2 5810	19.5	Dual
	3	19.5	Dual
	/ 4 ¥ ¥	19.5	Dual
_	5		Dual
ğ	6260203305		1

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear	
Gross mass (kg):	16000	19000	
Payload mass (kg):	12820	15340	
Tare mass (kg)	3180	3660	
Average load bed height (m):	1.21		
Average load height (m):			
Suspension type:	User Defined	User Defined	
Suspension track width (m):	0.94	0.94	
Lash (mm):	90	90	
Suspension brand/model:	SAF Intradisc IU25/2000RZ-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

S1005

Signed: Vehicle Inspector/Inspecting Organisation No CNH SRT Compliance Certificate no:

Name: Cameron Harris Date: 9/1/2019

