

New Zealand Government

Heavy vehicle specialist certificate

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

Version No. 06/16

Heavy vehicle specialist inspector's or manufacturing in CAMERON HARRIS	specting organisatio	on's name (PRINT IN C	CAPS)	ID.	CNH
Vehicle registration (optional)	VIN/chassis number 7 A 9 E	2 0 0	1 7 H 1	0 2	3 6 7 7
Make DOMETT	Component being o		Chassis		Load anchorage
Model (optional) 2017 E2001 H	Log bolsters		Towing connection	n	Brakes
Certification category	XSRT		PSV stability	-	PSV rollover
HVS2 Description of work	Swept path		PBS		-
CERTIFY SRT - 5 AXLE FU	LL TRAILE		and the state of t		on and the second s
	नक्षाकारमास्य स्थापना			and the second s	
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Code/standard/rule certified to)	Component loa	d rating(s) .3m / Y1 =	32t	
NZTA RULE 41001:2016 General drawing number(s)		No transport to the second	5t / X2 = 4.	***********	
General arthring named to		LOAD	TYPE: UN	IFORM	DENSITY
Supporting documents SRT COMPLIANCE CERT # S	2018				
SKI COMPLIANCE CENT # C	J9 10				
Special conditions (optional) AS ABOVE					
Certification expiry date (if applicable)	or	Hubodometer re	eading (whichever com	es first)	
Declaration		Designer's ID of	different from inspector b	elow)	
I the undersigned, declare that I am the heavy vehicle inspector identified and I hold a current valid appoint certify that the above mentioned vehicle component	ntment. I	Inspector's sign	ature		
manufacture and installation, and this certification in all respects with the Land Transport Rule: Vehicle	complies Standards	Inspector's nam		DIC	ID number
Compliance 2002 and my appointment. To the be knowledge the information contained in the certifica and correct.		Date	RON HAR	mber	CIN D
		22-12	-2017	602	740
	a Euchicle inspector	cianaturo	Date		
CoF vehicle inspector ID	CoF vehicle inspector	Signature	Date	\$\frac{1}{2}\tau \tau \tau \tau \tau \tau \tau \tau	
All fields	are mandatory unlo	ess otherwise sta	rted.		

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



Static Roll Threshold Compliance Certificate

Name of vehicle owner:

REDDY TRANZ

Address:

SRT Compliance Certificate no:

S918

Vehicle Identification No.(VIN):

7A9E20017H1023677

Vehicle chassis No:

1677

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:

11.2 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

Uniform density Description: Assumes load mass is centred midway vertically between load bed and load height.

type:

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:

(a) At maximum load height of 4.3 metres, the maximum allowable gross mass is 32.2 tonnes.

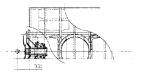
or (b) At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.12 metres. The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)	
35	4.12	
34	4.19	
33	4.24	
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		
$X_1 = 4.3 \text{ metres} / Y_1 = 32 \text{ tonnes}$; $Y_2 = 35 \text{ tonnes} / X_2 = 4.12 \text{ metres}$.		

The type of test carried out to establish this rating was: NZTA SRT Calculator Version 2.10c



Summary Input Data used for calculation.



F	Axle	Tyre Size:	Tyre Configuration:	
	A 1 8	19.5	. Dual	
	2	19.56	Dual	
	3	1950	Dual	
	4	19.5	Dual	
	5	19.5	Dual	

Body Style is Sloping deck

	1 1 1	
Inputs	(a) (arouta)	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):	11900	14020		
	ere mass (kg):	4100	4980		
	Average load bed height (m):	1.1	05		
-	Average load height (m):	4.	3		
	Suspension type:	User Defined	User Defined		
	Suspension track width (m):	0.94	→ 0.94		
	Lash (mm):	90	90		
SSLL at	Suspension brand/model:	SAF Intradisc IU28/2005RZ-68A	SAF Intradisc IU28/2005RZ-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		
		and a second	A 6 (0)		

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 Date: 12/12/2017

SRT Compliance Certificate no:

Cameron Harris

S918



