

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 inspecting organi	nisation's name (PRINT IN CAPS)	
MATTHEW CONNOLLY	MHC	
Vehicle registration (optional) VIN/chassis nu		
7 A 9	E 3 5 0 1 7 K 1 0 2 3 8 8	8
Make DOMETT Component be	eing certified: Chassis Load anch	iorage
Model (optional) Log bolster	ers Towing connection Brakes	
2019 E3501 Certification category X SRT	PSV stability PSV rollov	ver
Certification category HVS2 Swept path		
Description of work		
CERTIFY SRT - 5 AXLE FULL TRAIL	LER	

	C 11 11 11 4 X	
Code/standard/rule certified to NZTA RULE 41001:2016	Component load rating(s) $X1 = 4.30 \text{m} / Y1 = 27t$	
General drawing number(s)	Y2 = 35t / X2 = 3.87m	
General drawing number (5)	LOAD TYPE: UNIFORM DENSI	TY
Supporting documents		
SRT COMPLIANCE CERT # S1076	as estat social antico activo a decentro situato esta esta esta de actividad actividad en esta esta actividad e	
Special conditions (optional)		
AS ABOVE		
Certification expiry date (if applicable)	Hubodometer reading (whichever comes first)	
Declaration	Designer's ID (if different from inspector below)	
I the undersigned, declare that I am the heavy vehicle specialist	Inspector's signature	***************************************
inspector identified and I hold a current valid appointment. I certify that the above mentioned vehicle component's design, manufacture and installation, and this certification complies in all respects with the Land Transport Rule: Vehicle Standards	Momoll	
	Inspector's name (PRINT IN CAPS) ID numb	er
Compliance 2002 and my appointment. To the best of my knowledge the information contained in the certificate is true	MATTHEW CONNOLLY M H C	<u>.</u>]
and correct.	Date Number	
	29-10-2019 6 800 4 8	
CoF vehicle inspector ID (if applicable) CoF vehicle inspec	ector signature (if applicable) Date	

New Zealand Government Version No. 05/18 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



www.domett-trailers.co.nz

Static Roll Threshold Compliance Certificate

Name of vehicle owner:

Transcon Ltd

Address:

SRT Compliance Certificate no:

S1076

Vehicle Identification No.(VIN):

7A9E35017K1023888

No of axles in rear set:

Vehicle chassis No:

1888

Current vehicle registration:

Type of vehicle:

Full-Trailer

No of axles in front set:

. . .

3

Deck length of vehicle:

8.40 metres

Maximum height of load or vehicle body:

4.30 metres

Front suspension type:

User Defined

Rear suspension type:

User Defined

I, Matthew Connolly 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 0.32g 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 27.5 tonnes.

or (b) At maximum gross mass of 35 tonnes, the maximum allowable load height is 3.87 metres.

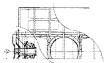
The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m) 3.87		
35			
34	3.92		
33	3.97		
32	4.02		
31	4.08		
30	4.12		
29	4.18		
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:

Axle	Tyre Size:	Tyre Configuration:
	19.5	Dual
2 5850	19.5	Dual
3	19.5	Dual
<u>4</u> 4	z 219.5	Z Z Dual
	19.5	Dual
402244		

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear	
Gross mass (kg):	16000	19000	
Payload mass (Rg):	12760	15500	
Tare mass (kg)	3240	3500	
Average load bed height (m):	1,200		
Average load height (m):	4.30		
Suspension type:	User Defined	User Defined	
Suspension track width (m):	0.94	0.94	
Lash (mm):	90	90	
Suspension brand/model:	SAF IU25/2000RZ-68A	SAF 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: Momoll

Vehicle Inspector/Inspecting Organisation No MHC

SRT Compliance Certificate no:

Name: Matthew Connolly

Date: 29/10/2019

S1076

