

Heavy vehicle specialist certificate

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

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name (PRINT IN CAPS) BRUCE SUTTON	ID BJS
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Vehicle registration (optional)	VIN/chassis number
Make DOMETT	7 A 9 E 1 5 0 1 8 J 1 0 2 3 7 0 9
Model (optional) 2018 E1501	Component being certified: <input type="checkbox"/> Chassis <input type="checkbox"/> Load anchorage <input type="checkbox"/> Log bolsters <input type="checkbox"/> Towing connection <input type="checkbox"/> Brakes <input checked="" type="checkbox"/> SRT <input type="checkbox"/> PSV stability <input type="checkbox"/> PSV rollover <input type="checkbox"/> Swept path <input type="checkbox"/> PBS
Certification category HVS2	

Description of work

CERTIFY SRT - 5 AXLE FULL TRAILER

Code/standard/rule certified to NZTA RULE 41001:2016	Component load rating(s) X1 = 4.3m / Y1 = 30T Y2 = 35T / X2 = 4.01m LOAD TYPE: UNIFORM DENSITY
General drawing number(s)	

Supporting documents

SRT COMPLIANCE CERT # S961

Special conditions (optional)


AS ABOVE

Certification expiry date (if applicable) _____ or Hubodometer reading (whichever comes first)

Declaration

I the undersigned, declare that I am the heavy vehicle specialist 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 Compliance 2002 and my appointment. To the best of my knowledge the information contained in the certificate is true and correct.

Designer's ID (if different from inspector below)
BJS

Inspector's signature


Inspector's name (PRINT IN CAPS) ID number
BRUCE SUTTON **BJS**

Date Number
05-07-2018 **628582**

CoF vehicle inspector ID	CoF vehicle inspector signature	Date
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All fields are mandatory unless otherwise stated.

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: StraitNZ
Address:
SRT Compliance Certificate no: S961
Vehicle Identification No.(VIN): 7A9E15018J1023709_
Vehicle chassis No: 1709
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: 12.25 metres
Maximum height of load or vehicle body: 4.3 metres
Front suspension type: User Defined
Rear suspension type: User Defined

I, **Bruce Sutton 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 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:

- (a) At maximum load height of 4.3 metres, the maximum allowable gross mass is 30 tonnes.
 or (b) At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.01 metres.

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

Gross Mass (tonnes)	Load Height (m)
35	4.01
34	4.07
33	4.12
32	4.17
31	4.23
30	4.29

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 = 30 tonnes ; Y2 = 35 tonnes / X2 = 4.01 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:
1	19.5	Dual
2	19.5	Dual
3	19.5	Dual
4	19.5	Dual
5	19.5	Dual

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	16000	19000
Payload mass (kg):	12560	14920
Tare mass (kg):	3440	4080
Average load bed height (m):	1.105	
Average load height (m):	4.3	
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.94	0.94
Lash (mm):	90	90
Suspension brand/model:	SAF Intradisc IU28-2005RZ	SAF Intradisc IU25-2000RZ
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: 

Name: **Bruce Sutton**

Vehicle Inspector/Inspecting Organisation No: **BJS**

Date: **5/7/2018**

SRT Compliance Certificate no:

S961