

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name (PRINT IN CAPS) **MATTHEW CONNOLLY** ID **MHC**

Vehicle registration (optional) _____ VIN/chassis number **7 A 9 C 2 0 0 3 6 K 1 0 2 3 8 8 1**

Make **DOMETT** Component being certified: Chassis Load anchorage

Model (optional) **2019 C2003 H** Log bolsters Towing connection Brakes

Certification category **HVS2** SRT PSV stability PSV rollover

Swept path PBS

Description of work
CERTIFY SRT - 3 AXLE SEMI TRAILER

Code/standard/rule certified to
NZTA RULE 41001:2016

Component load rating(s)
X1 = 4.30m / Y1 = 19t

General drawing number(s)

Y2 = 19t / X2 = 4.30m
LOAD TYPE: UNIFORM DENSITY

Supporting documents
SRT COMPLIANCE CERT # S1061

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)

Inspector's signature


Inspector's name (PRINT IN CAPS) **MATTHEW CONNOLLY** ID number **M H C**

Date **05-09-2019** Number **680035**

CoF vehicle inspector ID (if applicable) _____ CoF vehicle inspector signature (if applicable) _____ Date _____

All fields are mandatory unless otherwise stated.

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:	Austin Transport Ltd
Address:	
SRT Compliance Certificate no:	S1061
Vehicle Identification No.(VIN):	7A9C20036K1023881
Vehicle chassis No:	1881
Current vehicle registration:	
Type of vehicle:	Semi-Trailer
No of axles in front set: 0	No of axles in rear set: 3
Deck length of vehicle:	8.250 metres
Maximum height of load or vehicle body:	4.30 metres
Front suspension type:	none
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 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 19 tonnes, the SRT is 0.35g
This vehicle meets or exceeds the minimum SRT target of 0.35g.

Results of SRT test to be displayed on Certificate of Loading

X1 = 4.3 metres / Y1 = 19 tonnes ; Y2 = 19 tonnes / X2 = 4.3 metres.
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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

Body Style is Step deck

Inputs	Front	Rear
Load bed height (m):	1.390	1.046
Deck length (m):	4.1	4.15

Mass and Suspension Data:

Inputs	Rear
Gross mass (kg):	19000
Payload mass (kg):	15080
Tare mass (kg):	3920
Average load bed height (m):	1.22
Average load height (m):	4.30
Suspension type:	User Defined
Suspension track width (m):	0.980
Lash (mm):	0.104
Suspension brand/model:	ROR CS9 LOW MOUNT
Roll stiffness/axle (Nm/radian):	2197000
Spring stiffness/spring (N/m):	128000
Roll centre height from axle (m):	0.035

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: *Matthew Connolly*
 Vehicle Inspector/Inspecting Organisation No MHC
 SRT Compliance Certificate no:

Name: **Matthew Connolly**
 Date: **5/9/2019**
 S1061