

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

Vehicle registration (optional) VIN/chassis number  
**7 A B D 5 0 0 2 2 K 1 0 2 3 0 0 0**

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

Model (optional)  Log bolsters  Towing connection  Brakes  
**2019 D5002**

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

Swept path  PBS

Description of work  
**CERTIFY SRT - 4 AXLE SEMI TRAILER**

Code/standard/rule certified to Component load rating(s)  
**NZTA RULE 41001:2016** **X1 = 4.30m / Y1 = 26t**

General drawing number(s) **Y2 = 26t / X2 = 4.30m**  
**LOAD TYPE: UNIFORM DENSITY**

Supporting documents  
**SRT COMPLIANCE CERT # S1085**

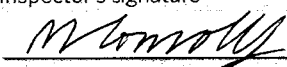
Special conditions (optional)  
**AS ABOVE**

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) ID number  
**MATTHEW CONNOLLY** **M H C**

Date Number  
**25-11-2019** **728307**

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](http://www.domett-trailers.co.nz)

# Static Roll Threshold Compliance Certificate

**Name of vehicle owner:** Paengaroa Road Haulage Ltd  
**Address:**  
**SRT Compliance Certificate no:** S1085  
**Vehicle Identification No.(VIN):** 7A9D50022K1023900  
**Vehicle chassis No:** 1900  
**Current vehicle registration:**  
**Type of vehicle:** Semi-Trailer  
**No of axles in front set:** 0 **No of axles in rear set:** 4  
**Deck length of vehicle:** 12.2 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      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 26 tonnes, the SRT is 0.36g  
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 = 26 tonnes ; Y2 = 26 tonnes / X2 = 4.3 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	22.5	Large Single
2	22.5	Large Single
3	22.5	Large Single
4	22.5	Large Single

**Body Style is Standard**

**Mass and Suspension Data:**

Inputs	Rear
Gross mass (kg):	26000
Payload mass (kg):	21600
Tare mass (kg):	4400
Average load bed height (m):	1.320
Average load height (m):	4.30
Suspension type:	User Defined
Suspension track width (m):	1.145
Lash (mm):	90
Suspension brand/model:	SAF Intradisc IU25/2000RB-10 + IU25/2000RLB-10
Roll stiffness/axle (Nm/radian):	1725000
Spring stiffness/spring (N/m):	470000
Roll centre height from axle (m):	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: Matthew Connolly

Name: **Matthew Connolly**

Vehicle Inspector/Inspecting Organisation No **MHC**

Date: **25/11/2019**

SRT Compliance Certificate no:

**S1085**