

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 D 5 0 0 2 0 M 2 0 2 3 0 8 3**

Make

**DOMETT**

Component being certified:

Chassis

Load anchorage

Model (optional)

**2021 D5002**

Log bolsters

Towing connection

Brakes

Certification category

**HVS2**

SRT

PSV stability

PSV rollover

Swept path

PBS

Description of work

**CERTIFY SRT - 4 AXLE SEMI TRAILER**

Code/standard/rule certified to

**NZTA RULE 41001:2016**

Component load rating(s)

**X1 = 4.30m / Y1 = 26t**

**Y2 = 26t / X2 = 4.30m**

General drawing number(s)

**LOAD TYPE: UNIFORM DENSITY**

Supporting documents

**SRT COMPLIANCE CERT # S1201**

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

*M Connolly*

Inspector's name (PRINT IN CAPS)

**MATTHEW CONNOLLY**

ID number

**M H C**

Date

**07-05-2021**

Number

**773773**

CoF vehicle inspector ID (if applicable)

CoF vehicle inspector signature (if applicable)

Date

All fields are mandatory unless otherwise stated.

# Static Roll Threshold Compliance Certificate

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**Name of vehicle owner:** Toxic Transport Ltd  
**Address:**  
**SRT Compliance Certificate no:** S1201  
**Vehicle Identification No.(VIN):** 7A9D50020M2023083  
**Vehicle chassis No:** 2083  
**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:** 12.15 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 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
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X1 = 4.3 metres / Y1 = 26 tonnes ; Y2 = 26 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	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):	21480
Tare mass (kg):	4520
Average load bed height (m):	1.326
Average load height (m):	4.30
Suspension type:	User Defined
Suspension track width (m):	1.145
Lash (mm):	NaN
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):	NaN

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: **Matthew Connolly**

Vehicle Inspector/Inspecting Organisation No **MHC**

Date: **7/5/2021**

SRT Compliance Certificate no:

S1201