

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

Plate number *(optional)* \_\_\_\_\_ VIN/chassis number **7 A 9 C 2 0 0 3 8 M 2 0 2 3 1 4 9**

Make **DOMETT** *me 4/2/22* Component being certified:  Chassis  Load anchorage  
 Model *(optional)* **2022 C2003 PH**  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**  
**Y2 = 19t / X2 = 4.30m**  
**LOAD TYPE: UNIFORM DENSITY**

Supporting documents  
**SRT COMPLIANCE CERT # S1260**

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 **09-02-2022** Number **794734**

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:** Austin Transport Ltd  
**Address:**  
**SRT Compliance Certificate no:** S1260  
**Vehicle Identification No.(VIN):** 7A9C20038M2023149  
**Vehicle chassis No:** 2149  
**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:** 8.23 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  
type:      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.

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):	1.39	1.055
Deck length (m):	4.15	4.08

Mass and Suspension Data:

Inputs	Rear
Gross mass (kg):	19000
Payload mass (kg):	15220
Tare mass (kg):	3780
Average load bed height (m):	1.22
Average load height (m):	4.30
Suspension type:	User Defined
Suspension track width (m):	0.98
Lash (mm):	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: *M Connolly*

Name: **Matthew Connolly**

Vehicle Inspector/Inspecting Organisation No **MHC** Date: **9/2/2022**

SRT Compliance Certificate no:

S1260