

# 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**

Vehicle registration (optional) VIN/chassis number **7A9C10032G1023533**

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

Model (optional) **C1003**  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 for 0.45g**

Code/standard/rule certified to **NZTA Rule 41001:2016** Component load rating(s) **X1 = 2.98m / Y1 = 19T**

General drawing number(s) **Y2 = 19T / X2 = 2.98m**  
**Load Type: Uniform Density**

Supporting documents **SRT Compliance Cert # S870**

Special conditions (optional) **SRT Calculation based on tanks being completely full**

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 **Bruce Sutton**

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

Date **15/5/2017** Number **573940**

CoF vehicle inspector ID CoF vehicle inspector signature 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



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FAX 07 575 5137

www.domett-trailers.co.nz

# Static Roll Threshold Compliance Certificate

**Name of vehicle owner:** Ixom  
**Address:**  
**SRT Compliance Certificate no:** S870  
**Vehicle Identification No.(VIN):** 7A9C10032G1023533  
**Vehicle chassis No:** 1533  
**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:** 7.55 metres  
**Maximum height of load or vehicle body:** 3.35 metres  
**Front suspension type:** none  
**Rear suspension type:** User Defined

I, **Bruce Sutton** of **Domett Truck and Trailer, PO Box 5215, Mt Maunganui** 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 2.98 metres and a max. allowable gross mass of 19 tonnes, the SRT is 0.45g

This vehicle meets or exceeds the minimum SRT target of 0.45g.

Results of SRT test to be displayed on Certificate of Loading
X1 = 2.98 metres / Y1 = 19 tonnes ; Y2 = 19 tonnes / X2 = 2.98 metres.

The type of test carried out to establish this rating was: NZTA SRT Calculator Version 2.01c

**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

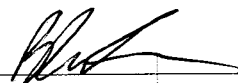
Body Style is Standard

**Mass and Suspension Data:**

Inputs	Rear
Gross mass (kg):	19000
Payload mass (kg):	14740
Tare mass (kg):	4260
Average load bed height (m):	1.42
Average load height (m):	2.98
Suspension type:	User Defined
Suspension track width (m):	0.98
Lash (mm):	104
Suspension brand/model:	ROR CS9T
Roll stiffness/axle (Nm/radian):	2197000
Spring stiffness/spring (N/m):	128000
Roll centre height from axle (m):	0

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: **15/5/2017**

SRT Compliance Certificate no:

**S870**