

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name *(PRINT IN CAPS)* **GERRIT VISAGIE** ID **GV**

Plate number *(optional)* VIN/chassis number **7 A 9 C 2 0 0 3 9 S 2 0 2 3 5 3 1**

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

Model *(optional)* **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**

General drawing number(s) **Y2 = 19t / X2 = 4.30m**  
**LOAD TYPE: UNIFORM DENSITY**

Supporting documents **SRT COMPLIANCE CERT # S1533 A & B**  
**S1533 A (Front Unit Only) X1=4.3m / Y1=16t ; Y2=19t / X2=4.04m**

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)* **GERRIT VISAGIE** ID number **GV**

Date **29-10-2025** Number **H 02603**

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

Name of vehicle owner: **Hilton Haulage**  
Address:  
SRT Compliance Certificate no: **S1533 A**  
Vehicle Identification No.(VIN): **7A9C20039S2023531**  
Vehicle chassis No: **2531**  
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: **7.64 metres**  
Maximum height of load or vehicle body: **4.3 metres**  
Front suspension type: **none**  
Rear suspension type: **User Defined**

I, **Gerrit Visagie 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 0.33g

This vehicle fails to meet the minimum SRT target of 0.35g. It will meet the standard if:

(a) At maximum load height of 4.3 metres, the maximum allowable gross mass is 16.3 tonnes.

or (b) At maximum gross mass of 19 tonnes, the maximum allowable load height is 4.04 metres.

The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)
19	4.04
18	4.13
17	4.22
16	4.3

Note: Calculated load heights greater than the legal limit of 4.30m have been set to 4.30m

Results of SRT test to be displayed on Certificate of Loading

X1 = 4.3 metres / Y1 = 16 tonnes ; Y2 = 19 tonnes / X2 = 4.04 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 Standard

### Mass and Suspension Data:

Inputs	Rear
Gross mass (kg):	19000
Payload mass (kg):	15340
Tare mass (kg):	3660
Average load bed height (m):	1.27
Average load height (m):	4.3
Suspension type:	User Defined
Suspension track width (m):	.94
Lash (mm):	90
Suspension brand/model:	SAF IU25/2000RZ -68A
Roll stiffness/axle (Nm/radian):	1200000
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: 

Vehicle Inspector/Inspecting Organisation No **GV**  
SRT Compliance Certificate no:

Name: **Gerrit Visagie**

Date: **29/10/2025**

S1533 A

# Static Roll Threshold Compliance Certificate

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**Name of vehicle owner:** Hilton Haulage  
**Address:**  
**SRT Compliance Certificate no:** S1533 B  
**Vehicle Identification No.(VIN):** 7A9C20039S2023531  
**Vehicle chassis No:** 2531  
**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:** 7.64 metres  
**Maximum height of load or vehicle body:** 4.3 metres  
**Front suspension type:** none  
**Rear suspension type:** User Defined

I, **Gerrit Visagie 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
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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 Standard

### Mass and Suspension Data:

Inputs	Rear
Gross mass (kg):	19000
Payload mass (kg):	13810
Tare mass (kg):	5190
Average load bed height (m):	1.27
Average load height (m):	4.3
Suspension type:	User Defined
Suspension track width (m):	.94
Lash (mm):	90
Suspension brand/model:	SAF IU25/2000RZ -68A
Roll stiffness/axle (Nm/radian):	1200000
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: 

Vehicle Inspector/Inspecting Organisation No **GV**

SRT Compliance Certificate no:

Name: **Gerrit Visagie**

Date: **29/10/2025**

S1533 B

Domett Truck & Trailer Ltd  
Taurikura Drive & Kennedy Road  
Tauriko, Tauranga

# PDS



Date: 29/10/2025

Job Number: 10850

Certifier: Gerrit Visagie

ID: GV

Client: Hilton Haulage

### Vehicle Details

Make:	Domett	Model:	C2003 PH	Trailer GVM:	33000 kg
VIN number:	7A9C20039S2023531	Chassis Number:	2531	Rego:	
				Hubo:	

### Standards / Codes the design must comply with

Vehicle Dimensions & Mass (41001)

### Component

SRT

Certificate # S1533 A & B  
Load Type Uniform Density

X1	4.3	m
Y1	19	t
Y2	19	t
X2	4.3	m

### LT400

LT400 # H 02603 Category HVS2

### File Content

Vehicle Info	Y	N
Photographs	Y	N
Drawings	Y	N
Proprietary component data	Y	N
Calculations	Y	N
LT400	Y	N

### Certify

YES  NO

I declare that I am a heavy vehicle specialist certifier – engineer and I hold a current valid appointment. I certify that this vehicle component design and this certification comply in all respects with the Land Transport Rule: Vehicle Standards Compliance 2002; my Notice of Appointment and applicable requirements. To the best of my knowledge the information contained in this certificate is true and correct.

Certifier Signature:

Date:

29/10/2025

Domett Truck & Trailer Ltd  
 Taurikura Drive & Kennedy Road  
 Tauriko, Tauranga

# SRT Worksheet



Date: 29/10/2025 Job Number: 10850  
 Certifier: Gerrit Visagie ID: GV  
 Client: Hilton Haulage Cert #: S1533 A & B

## Vehicle Details

Make: Domett Model: C2003 PH Trailer GVM: 33000 kg  
 VIN number: 7A9C20039S2023531 Chassis Number: 2531 Rego:   
 Hubo:

## Suspension Details

Make: SAF Model: IU25/2000RZ-68A Fixed N/A  
 Ride Height: 230 mm Steerer N/A

Suspension data referenced in File "Design info SRT's", in Engineering office.

## Dolly

Number of Axles 0 Hanger Centres - Dolly 0  
 Tyre Size N/A Tyre Configuration N/A

## Fixed

Number of Axles 3 Hanger Centres - Fixed 940 mm  
 Tyre Size 265/70 R 19.5 Tyre Configuration Dual

## Steerers

Number of Axles 0 Hanger Centres - Steerers 0  
 Tyre Size 265/70 R 19.5 Tyre Configuration Dual

## Load Details

Uniform Density  Mixed Freight  Other

Masses	Front	Rear	Total
Gross:	kg	19,000.00 kg	19,000.00 kg
Tare:	2,030.00 kg	3,660.00 kg	5,690.00 kg
Load Height Max:	4.30 m	Payload Cog: m	
Deck Length:	7.64 m	Max Height: 4.30 m	
Front Deck Height:	1.42 m	Front Deck Length: 4.41 m	
Rear Deck Height:	1.08 m	Rear Deck Length: 3.23 m	
		Average: 1.27 m	

Weight of Rear Group With Imposed Weight of Rear Unit = 5190