

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) ID
CAMERON HARRIS **CNH**

Vehicle registration (optional) VIN/chassis number
DOMETT **7 A 9 C 2 0 0 3 6 H 1 0 2 3 6 4 6**

Make **DOMETT** Component being certified: Chassis Load anchorage
Model (optional) **2017 C2003 H** 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 Component load rating(s)
NZTA RULE 41001:2016 **X1 = 4.3m / Y1 = 19t**
General drawing number(s) **Y2 = 19t / X2 = 4.3m**
LOAD TYPE: UNIFORM DENSITY

Supporting documents
SRT COMPLIANCE CERT # S898A + S898B WHICH INCLUDES IMPOSED TARE WEIGHT FROM REAR UNIT.

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
C Harris

Inspector's name (PRINT IN CAPS) ID number
CAMERON HARRIS **C N H**

Date Number
13-10-2017 **602720**

CoF vehicle inspector ID CoF vehicle inspector signature Date

All fields are mandatory unless otherwise stated.

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

Be is Step deck

Inputs	Front	Rear
Load bed height (m):	1.420	1.065
Deck length (m):	4.24	4.02

Mass and Suspension Data:

Inputs	Rear
Gross mass (kg):	19000
Payload mass (kg):	15220
Tare mass (kg):	3780
Average load bed height (m):	1.25
Average load height (m):	4.3
Suspension type:	User Defined
Suspension track width (m):	0.94
Lash (mm):	90
Suspension brand/model:	SAF Intradisc 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: *C Harris*

Vehicle Inspector/Inspecting Organisation No: CNH

SRT Compliance Certificate no:

Name: **Cameron Harris**

Date: **13/10/2017**

S898A

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

Static Roll Threshold Compliance Certificate

Name of vehicle owner: Macdonald Contracting
Address:
SRT Compliance Certificate no: S898B
Vehicle Identification No.(VIN): 7A9C20036H1023646
Vehicle chassis No: 1646
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: 8.26 metres
Maximum height of load or vehicle body: 4.3 metres
Front suspension type: none
Rear suspension type: User Defined

I, Cameron Harris 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
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 2.10c

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):	1.420	1.065
Deck length (m):	4.24	4.02

Mass and Suspension Data:

Inputs	Rear
Gross mass (kg):	19000
Payload mass (kg):	13760
Tare mass (kg):	5240
Average load bed height (m):	1.25
Average load height (m):	4.3
Suspension type:	User Defined
Suspension track width (m):	0.94
Lash (mm):	90
Suspension brand/model:	SAF Intradisc 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: C. Harris
 Vehicle Inspector/Inspecting Organisation No
CNH
 SRT Compliance Certificate no:

Name: **Cameron Harris**
 Date: **13/10/2017**
S898B