

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

ID
MHC

Vehicle registration *(optional)*

Make
DOMETT

Model *(optional)*
2019 E2001 PH

Certification category
HVS2

VIN/chassis number
7 A 9 E 2 0 0 1 1 K 1 0 2 3 9 0 8

Component being certified:

Chassis Load anchorage

Log bolsters Towing connection Brakes

SRT PSV stability PSV rollover

Swept path PBS

Description of work
CERTIFY SRT - 5 AXLE FULL TRAILER

Code/standard/rule certified to
NZTA RULE 41001:2016

General drawing number(s)

Component load rating(s)
X1 = 4.27m / Y1 = 35t
Y2 = 35t / X2 = 4.27m
LOAD TYPE: UNIFORM DENSITY

Supporting documents
SRT COMPLIANCE CERT # S1092

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)* ID number
MATTHEW CONNOLLY M H C

Date
12-12-2019

Number
728314

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 Ltd
Partnership**

Address:

SRT Compliance Certificate no: **S1092**

Vehicle Identification No.(VIN): **7A9E20011K1023908**

Vehicle chassis No: **1908**

Current vehicle registration:

Type of vehicle: **Full-Trailer**

No of axles in front set: **2** No of axles in rear set: **3**

Deck length of vehicle: **11.40 metres**

Maximum height of load or vehicle body: **4.27 metres**

Front suspension type: **User Defined**

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 4.27 metres and a max. allowable gross mass of 35 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 = 4.27 metres / Y1 = 35 tonnes ; Y2 = 35 tonnes / X2 = 4.27 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
4	19.5	Dual
5	19.5	Dual

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	16000	19000
Payload mass (kg):	12500	15140
Tare mass (kg):	3500	3860
Average load bed height (m):	1.080	
Average load height (m):	4.27	
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.98	0.98
Lash (mm):	104	104
Suspension brand/model:	ROR CS9L	ROR CS9L
Roll stiffness/axle (Nm/radian):	2197000	2197000
Spring stiffness/spring (N/m):	128000	128000
Roll centre height from axle (m):	0.035	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: 

Name: **Matthew Connolly**

Vehicle Inspector/Inspecting Organisation No **MHC**

Date: **12/12/2019**

SRT Compliance Certificate no:

S1092