WAKA KOTAHI
NZ TRANSPORT AGENCY

Heavy vehicle specialist certificate
Must be presented to a CoF (heavy) inspecting organisation if not entered into LANDATA

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

INDERJEET SINGH

ID: **ISH**

Plate number (optional)

VIN/chassis number: **7 A 9 D 2 0 0 1 1 N 2 0 2 3 1 5 7**

Make: **DOMETT**

Component being certified:

- [ ] Chassis
- [ ] Load anchorage
- [ ] Log bolsters
- [ ] Towing connection
- [ ] Brakes
- [X] SRT
- [ ] PSV stability
- [ ] PSV rollover
- [ ] Swept path
- [ ] PBS

Model (optional): **2022 D2001 PH**

Certification category: **HVS2**

Description of work

CERTIFY SRT - 4 AXLE FULL TRAILER

Code/standard/rule certified to

NZTA RULE 41001:2016

Component load rating(s)

X1 = 4.30m / Y1 = 29t
Y2 = 32t / X2 = 4.17m
LOAD TYPE: UNIFORM DENSITY

General drawing number(s)

Supporting documents

SRT COMPLIANCE CERT # S1266

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

Inderjeet Singh

Inspector's name (PRINT IN CAPS)
INDERJEET SINGH

ID number: **I S H**

Date: **08-03-2022**

Number: **794740**

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:	**Exclusive Transport & Boat Haulage Ltd**
Address:	
SRT Compliance Certificate no:	**S1266**
Vehicle Identification No.(VIN):	**7A9D20011N2023157**
Vehicle chassis No:	**2157**
Current vehicle registration:	
Type of vehicle:	**Full-Trailer**
No of axles in front set:　　2	No of axles in rear set:　　2
Deck length of vehicle:	**10.20 metres**
Maximum height of load or vehicle body:	**4.30 metres**
Front suspension type:	**User Defined**
Rear suspension type:	**User Defined**

I, **Inderjeet Singh** 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 32 tonnes, the SRT is 0.34g

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 29.6 tonnes.

or (b)　At maximum gross mass of 32 tonnes, the maximum allowable load height is 4.17 metres.

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

Gross Mass (tonnes)	Load Height (m)
32	4.17
31	4.23
30	4.27
29	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 = 29 tonnes ; Y2 = 32 tonnes / X2 = 4.17 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

Body Style is Standard

Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	16000	16000
Payload mass (kg):	12760	12880
Tare mass (kg):	3240	3120
Average load bed height (m):	1.073	
Average load height (m):	4.30	
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.994	0.994
Lash (mm):	0	0
Suspension brand/model:	Hendrickson Intraax AANL ZMD	Hendrickson Intraax AANL ZMD
Roll stiffness/axle (Nm/radian):	1824776	1824776
Spring stiffness/spring (N/m):	350000	350000
Roll centre height from axle (m):	0.051	0.051

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: *Inderjeet Singh*   Name: **Inderjeet Singh**

Vehicle Inspector/Inspecting Organisation No **ISH**   Date: **8/3/2022**

SRT Compliance Certificate no: S1266

Print the Certificate

Finish