

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 E 3 8 1 1 9 M 2 0 2 3 1 1 4**

Make

**DOMETT**

Component being certified:

☐ Chassis

☐ Load anchorage

Model (optional)

**2021 E3811**

☐ Log bolsters

☐ Towing connection

☐ Brakes

Certification category

**HVS2**

☒ 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**

Component load rating(s)

**X1 = 4.30m / Y1 = 35t**

General drawing number(s)

**Y2 = 35t / X2 = 4.30m**

**LOAD TYPE: UNIFORM DENSITY**

Supporting documents

**SRT COMPLIANCE CERT # S1276**

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

**19-04-2022**

Number

**794750**

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:** TD Haulage Ltd

**Address:**

**SRT Compliance Certificate no:** S1276

**Vehicle Identification No.(VIN):** 7A9E38119M2023114\_

**Vehicle chassis No:** 2114

**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:** 10 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 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 = 4.3 metres / Y1 = 35 tonnes ; Y2 = 35 tonnes / X2 = 4.3 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):                | 12200              | 15040              |
| Tare mass (kg):                   | 3800               | 3960               |
| Average load bed height (m):      | 1.092              |                    |
| Average load height (m):          | 4.30               |                    |
| Suspension type:                  | User Defined       | User Defined       |
| Suspension track width (m):       | 0.980              | 0.980              |
| Lash (mm):                        | 104                | 104                |
| Suspension brand/model:           | ROR CS9L Low-mount | ROR CS9L Low-mount |
| 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: Inderjeet Singh

Vehicle Inspector/Inspecting Organisation No **ISH**

SRT Compliance Certificate no:

Name: **Inderjeet Singh**

Date: **19/4/2022**

S1276

Print the Certificate

Finish

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

PDS



Date: 19/04/2022

Job Number: 8287

Certifier: Inderjeet Singh

ID: ISH

Client: TD Haulage Ltd

#### Vehicle Details

|             |                   |                |       |              |          |
|-------------|-------------------|----------------|-------|--------------|----------|
| Make:       | Domett            | Model:         | E3811 | Trailer GVM: | 35000 kg |
| VIN number: | 7A9E38119M2023114 | Chassis Number | 2114  | Rego:        |          |
|             |                   |                |       | Hubo:        |          |

#### Standards / Codes the design must comply with

41001 ☒

#### Component

|           |                                     |                    |       |    |       |
|-----------|-------------------------------------|--------------------|-------|----|-------|
| SRT       | <input checked="" type="checkbox"/> | Certificate Number | S1276 | X1 | 4.3 m |
| Load Type | Uniform Density                     |                    |       | Y1 | 35 t  |
|           |                                     |                    |       | Y2 | 35 t  |
|           |                                     |                    |       | X2 | 4.3 m |

#### LT400

LT400 Number 794750

#### Certify

☒ YES

☐ NO

I understand and declare that I am the Certifier identified above and hold a current valid appointment. I certify that at the time of inspection the above mentioned vehicle components and this certification complied in all respects with the LTSA rule Vehicle Standards Compliance 2002 and the Deed of Appointment. To the best of my knowledge the information contained in this certificate is true and correct.

Certifier Signature:

Inderjeet Singh

Date:

19/4/2022