

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name <small>(PRINT IN CAPS)</small> GEORGE BARBOUR	ID GRB4
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Plate number <small>(optional)</small>	VIN/chassis number 7 A 9 D 5 0 0 2 X N 2 0 2 3 2 2 3
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Make 2022 DOMETT	Component being certified: <input type="checkbox"/> Chassis <input type="checkbox"/> Load anchorage	
Model <small>(optional)</small> D5002	<input type="checkbox"/> Log bolsters <input type="checkbox"/> Towing connection <input type="checkbox"/> Brakes	
Certification category HVS2	<input checked="" type="checkbox"/> SRT <input type="checkbox"/> PSV stability <input type="checkbox"/> PSV rollover	
	<input type="checkbox"/> Swept path <input type="checkbox"/> PBS	

Description of work
CERTIFY SRT - 4 AXLE SEMI TRAILER

Code/standard/rule certified to VDAM 41001: 2016	Component load rating(s) X1 = 4.3m / Y1 = 26 tonnes
General drawing number(s) 6589-05	Y2 = 26 tonnes / X2 = 4.3m
	LOAD TYPE: UNIFORM DENSITY

Supporting documents
SRT COMPLIANCE CERTIFICATE ATTACHED


SPECIAL CONDITIONS (OPTIONAL)
THIS CERTIFICATE IS A STATEMENT OF COMPLIANCE AT THE TIME OF CERTIFICATION ONLY AND DOES NOT OFFER OR IMPLY ANY GUARANTEE OR WARRANTY WITH RESPECT TO THE WORK CERTIFIED OR ANY OTHER ASPECT OF THIS VEHICLE. COMPONENT/VEHICLE IS TO BE RE-INSPECTED BY AN NZTA-APPROVED HEAVY VEHICLE SPECIALIST CERTIFIER ON OR BEFORE THE CERTIFICATION EXPIRY DATE STATED. THIS CERTIFICATION IS NULL & VOID IF VEHICLE/COMPONENT IS SUBSEQUENTLY MODIFIED, ACCIDENT DAMAGED, OR RE-CERTIFIED.

Certification expiry date <small>(if applicable)</small> N/A	or	Hubodometer reading <small>(whichever comes first)</small>
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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)
GEORGE BARBOUR

ID number
G R B 4

Date
29-09-2022

Number
833514

CoF vehicle inspector ID <small>(if applicable)</small>	CoF vehicle inspector signature <small>(if applicable)</small>	Date
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All fields are mandatory unless otherwise stated.

PDS : CERTIFICATE OF COMPLIANCE

Certifier: GEORGE BARBOUR ID: GRB4
Branch: Promech Consultants Ltd, 103 Wharf Street Tauranga

Client: Domett Truck & Trailer Limited Order No: PO45618
Address: 217 Taurikura Drive, Tauriko, PO Box 9458, Greerton, Tauranga Phone No: (07) 575 5139

Vehicle Details :

Make: 2022 DOMETT	Model: D5002	Rego:
VIN / Chassis: 7 A 9 D 5 0 0 2 X N 2		0 2 3 2 2 3
Class: TD	Speedo: - km	Hubmeter: 0 km
GCM: - kg	GVM: 42000 kg	Tare: 5800 kg

Requirements of customer and standards / Codes design to comply with :

Item certified: SRT
Standards / codes: VDAM 41001: 2016

Operating condition and intended use : On highway

Welder: Refer Checksheet

Assumptions & Special Conditions: SRT COMPLIANCE CERTIFICATE ATTACHED

Fabrication / Installation Instructions / Drawing No:

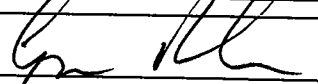
Design For: Single use Design Life: N/A

Static Roll Threshold inspection check sheet completed: Y Pass: Y Time:

Description of work :
CERTIFY SRT - 4 AXLE SEMI TRAILER

Rechecked and Passed Y

I declare that I am a heavy vehicle specialist certifier engineer and I hold a current valid appointment. I certify that at the time of inspection 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.

Heavy Vehicle Specialist Inspector Signature:  Date: 29/09/2022

Promech Conditions of Contractual Engagement :
ACENZ / IPENZ Conditions of Engagement Apply (Conditions are available on request, standard form No. 1-038). The liability of the certifier to the client in respect of his / her services for the project shall be limited to five times the value of the Promech Consultants fee. The client will also indemnify the Consultant for any damages, loss or costs the Consultant, as a result of providing the services, must pay or suffers under its Deed of Appointment with the Director of Land Safety to be a Heavy Vehicle Specialist Certifier. However, this indemnity will not apply to the extent that the damages, costs or loss are due to any breach by the Consultant of its common law duty of care to the Director when performing its obligations under the Deed of Appointment. The client understands that all correspondence and communication regarding work to be carried out is a recommendation by the individual Certifier for standards compliance only and not an instruction to the engineering workshop to carry out the work. The client should discuss any concerns regarding this certification with the Certifier or submit a formal written complaint, including the date and Promech job number or description to the attention of the Certifier identified above. The client may appeal to the NZTA if dissatisfied with any matters related to the certification.

Static Roll Threshold Compliance Certificate

Name of vehicle owner: HILTON HAULAGE
Address:
SRT Compliance Certificate no: 6589-05
Vehicle Identification No.(VIN): 7A9D5002XN2023223
Vehicle chassis No: 2223
Current vehicle registration:
Type of vehicle: Semi-Trailer
No of axles in front set: 0 **No of axles in rear set:** 4
Deck length of vehicle: 12.2 metres
Maximum height of load or vehicle body: 4.3 metres
Front suspension type: none
Rear suspension type: User Defined

I, **George Barbour** of **Promech Consultants, PO Box 886, Tauranga** 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 26 tonnes, the SRT is 0.36g
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 = 26 tonnes ; Y2 = 26 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:

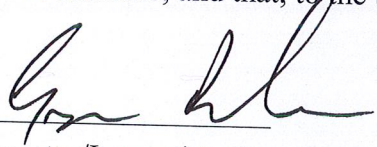
Axle	Tyre Size:	Tyre Configuration:
1	22.5	Large Single
2	22.5	Large Single
3	22.5	Large Single
4	22.5	Large Single

Body Style is Standard

Mass and Suspension Data:

Inputs	Rear
Gross mass (kg):	26000
Payload mass (kg):	21420
Tare mass (kg):	4580
Average load bed height (m):	1.32
Average load height (m):	4.3
Suspension type:	User Defined
Suspension track width (m):	1.145
Lash (mm):	90
Suspension brand/model:	SAF IU25-2000RB(RLB)-10
Roll stiffness/axle (Nm/radian):	1725000
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 **GRB4**

Name: **George Barbour**

Date: **29/9/2022**

SRT Compliance Certificate no:

6589-05