

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name (PRINT IN CAPS)	ID
<b>GEORGE BARBOUR</b>	<b>GRB4</b>

Plate number (optional)	VIN/chassis number
	<b>7 A 9 E 3 1 0 1 2 N 2 0 2 3 1 6 0</b>
Make	Component being certified:
<b>2022 DOMETT</b>	<input type="checkbox"/> Chassis <input type="checkbox"/> Load anchorage
Model (optional)	<input type="checkbox"/> Log bolsters <input type="checkbox"/> Towing connection <input type="checkbox"/> Brakes
<b>E3101</b>	<input checked="" type="checkbox"/> SRT <input type="checkbox"/> PSV stability <input type="checkbox"/> PSV rollover
Certification category	<input type="checkbox"/> Swept path <input type="checkbox"/> PBS
<b>HVS2</b>	

Description of work

**CERTIFY SRT - 5 AXLE FULL TRAILER**

Code/standard/rule certified to	Component load rating(s)
<b>VDAM 41001: 2016</b>	<b>X1 = 4.3m / Y1 = 27 tonnes</b>
General drawing number(s)	<b>Y2 = 35 tonnes / X2 = 3.88m</b>
<b>6565-04</b>	<b>LOAD TYPE: UNIFORM DENSITY</b>

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 (if applicable)	or	Hubodometer reading (whichever comes first)
<b>N/A</b>		<input type="text"/>

**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

**12-09-2022**

Number

**833390**

CoF vehicle inspector ID (if applicable)	CoF vehicle inspector signature (if applicable)	Date

**All fields are mandatory unless otherwise stated.**

<b>PDS :</b>	CERTIFICATE OF COMPLIANCE
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Certifier: GEORGE BARBOUR	ID: GRB4
Branch: Promech Consultants Ltd, 103 Wharf Street Tauranga	

Client: Domett Truck & Trailer Limited	Order No: PO45293
Address: 217 Taurikura Drive, Tauriko, PO Box 9458, Greerton, Tauranga	Phone No: (07) 575 5139

## Vehicle Details :

Make: 2022 DOMETT	Model: E3101	Rego:
VIN / Chassis: 7 A 9 E	3 1 0 1 2 N 2	0 2 3 1 6 0
Class: TD	Speedo: - km	Hubmeter: km
GCM: - kg	GVM: 32000 kg	Tare: 8000 kg

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

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

Operating condition and intended use: On highway
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Welder: Refer Checksheet
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Assumptions & Special Conditions: SRT COMPLIANCE CERTIFICATE ATTACHED
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Fabrication / Installation Instructions / Drawing No:
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Design For: Single use	Design Life: N/A
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Static Roll Threshold inspection check sheet completed:  Y Pass:  Y Time:

Description of work : CERTIFY SRT - 5 AXLE FULL TRAILER
Rechecked and Passed <input checked="" type="checkbox"/> 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: 12/09/2022
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**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.



**Summary Input Data used for calculation.**

**Tyre Data:**

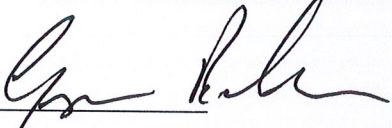
Axle	Tyre Size:	Tyre Configuration:
1	19.5	Dual
2	19.5	Dual
3	19.5	Dual
4	19.5	Dual
5	19.5	Dual

**Body Style is Standard**

**Mass and Suspension Data:**

Inputs	Front	Rear
Gross mass (kg):	16000	19000
Payload mass (kg):	12560	15320
Tare mass (kg):	3440	3680
Average load bed height (m):	1.21	
Average load height (m):	4.3	
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.94	0.94
Lash (mm):	90	90
Suspension brand/model:	SAF IU28/2005RZ-68A	SAF IU25/2000RZ-68A
Roll stiffness/axle (Nm/radian):	1200000	1200000
Spring stiffness/spring (N/m):	470000	470000
Roll centre height from axle (m):	0.05	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**  
SRT Compliance Certificate no:

Name: **George Barbour**  
Date: **12/9/2022**  
6565-04