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 ins		E BARBO		ID	GRB4
	/IN/chassis numb	er		2 0 2]3]1]6]0]
Make 2022 DOMETT	Component being		Chassis		Load anchorage
Model (optional) E3101	Log bolsters		Towing conne	ection	Brakes
Certification category HVS2	SRT Swept path		PSV stability		PSV rollover
Description of work	The second se	ing the second second of	nanca.	. **	
Code/standard/rule certified to VDAM 41001: 2016			load rating(s) 4.3m / Y1 =	: 27 ton	nes
General drawing number(s) 6565-04		and description of the second	35 tonnes / TYPE: UN	riologicking section by the contraction of the cont	
Supporting documents SRT COMPLIANCE CERTIFICAT Special conditions (optional)	E ATTACH	HED MERCHANISTON AND AND AND AND AND AND AND AND AND AN			
THIS CERTIFICATE IS A STATEMENT OF COMPLIANCE AT THE WARRANTY WITH RESPECT TO THE WORK CERTIFIED OR AN NZTA APPROVED HEAVY VEHICLE SPECIALIST CERTIFIER ON IF VEHICLE/COMPONENT IS SUBSEQUENTLY MODIFIED, ACCID	Y OTHER ASPECT OF OR BEFORE THE CE	THIS VEHICLE. C	OMPONENT/VEHICL	E IS TO BE RE	-INSPECTED BY AN
Certification expiry date (if applicable) N/A	or	Hubodomete	r reading (whichever	comes first)	
Declaration		Designer's ID	(if different from inspe	ctor below)	
I the undersigned, declare that I am the heavy vehicle specinspector identified and I hold a current valid appointment certify that the above mentioned vehicle component's demanufacture and installation, and this certification comp in all respects with the Land Transport Rule: Vehicle Stan Compliance 2002 and my appointment. To the best of me knowledge the information contained in the certificate is and correct.	nt. I esign, lies dards y	GEOR Date	ame (PRINT IN CAPS)	JR Number	ID number \$ R B 4
CoF vehicle inspector 1D (if applicable)	F vehicle inspecto	r signature (if ap	plicable) Da	te	

All fields are mandatory unless otherwise stated.

LT400 No: 833390 Refer No: 6565-04)romec PDS: CERTIFICATE OF COMPLIANCE Consultants Ltd Certifier: **GEORGE BARBOUR** ID: GRB4 Promech Consultants Ltd, 103 Wharf Street Tauranga Branch: Client: Domett Truck & Trailer Limited Order No: PO45293 217 Taurikura Drive, Tauriko, PO Box 9458, Greerton, Address: Phone No: (07) 575 5139 Vehicle Details: Make: 2022 DOMETT Model: E3101 Rego: VIN / Chassis: Α 3 2 Ν 2 6 0 Class: TD Speedo: km Hubmeter: km GCM: kg GVM: 32000 Tare: 8000 ka kg Requirements of customer and standards / Codes design to comply with : Item certified: **SRT New** VDAM 41001: 2016 Standards / codes: Operating condition and intended use: On highway Welder: Refer Checksheet Assumptions & SRT COMPLIANCE CERTIFICATE ATTACHED Special Conditions: Fabrication / Installation Instructions / Drawing No: Design For: Single use Design Life: N/A Static Roll Threshold inspection check sheet completed: Y Pass: Time: **CERTIFY SRT - 5 AXLE FULL TRAILER**

Description of work:

Rechecked and Passed

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

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:

AT COOK CONTRACTING

Address:

SRT Compliance Certificate no:

6565-04

Vehicle Identification No.(VIN):

7A9E31012N2023160

Vehicle chassis No:

2160

Current vehicle registration:

Type of vehicle:

Full-Trailer

No of axles in front set:

2

No of axles in rear set:

Deck length of vehicle:

9.655 metres

Maximum height of load or vehicle body:

4.3 metres

Front suspension type:

User Defined

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 35 tonnes, the SRT is 0.32g 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 27.9 tonnes.
- or (b) At maximum gross mass of 35 tonnes, the maximum allowable load height is 3.88 metres. The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m
35	3.88
34	3.93
33	3.99
32	4.04
31	4.09
30	4.15
29	4.21
28	4.28
27	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 = 27 tonnes; Y2 = 35 tonnes / X2 = 3.88 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 Dual	
1	19.5		
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