

Heavy Vehicle Specialist Certificate

Must be presented to a CoF (Heavy) Inspecting Organisation
Heavy Vehicle Specialist Inspector and Inspecting Organisation

Heavy Vehicle Specialist Inspector's or Manufacturing Inspecting Organisation's Name (PRINT IN CAPS) **PETER REAY** ID **PAR**

Vehicle Registration* **[Empty]** VIN/Chassis Number **7 A 9 E 3 5 0 1 4 E 1 0 2 3 2 7 1**

Component being certified:

<input type="checkbox"/> Chassis Modification	<input type="checkbox"/> Load Anchorage	<input type="checkbox"/> Log Bolsters
<input type="checkbox"/> Towing Connection	<input type="checkbox"/> Brakes	<input checked="" type="checkbox"/> SRT
<input type="checkbox"/> PSV Stability	<input type="checkbox"/> PSV Rollover	<input type="checkbox"/> Swept Path
<input type="checkbox"/> PBS		

Certification Category
HVS2

Description of Work

PROVIDE SRT CERTIFICATE FOR DOMETT TRUCK & TRAILER IN ACCORDANCE WITH SECTION 3 OF THE VEHICLE DIMENSIONS AND MASS RULE 41001.

Code/Standard/Rule Certified to VDM 2002 RULE 41001	Component Load Rating(s) X1 = 4.25metres / Y1 = 27 tonnes; Y2 = 32 tonnes / X2 = 4.01metres. LOAD TYPE: UNIFORM DENSITY
General Drawing Number(s) 3126-15	

Supporting Documents
SRT COMPLIANCE CERTIFICATE 3126-15 ATTACHED

Special Conditions*

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 A LAND TRANSPORT NZ 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) **16-12-2024** **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
PARAY

Inspector's Name (PRINT IN CAPS) ID Number

Date **16-12-2014** Number **494124**

CoF Vehicle Inspector ID <input type="text"/>	CoF Vehicle Inspector Signature <input type="text"/>	Date <input type="text"/>
-----------------------------------------------	------------------------------------------------------	---------------------------

All fields excluding those marked with * must be completed before this certificate can be accepted.

PDS :	CERTIFICATE OF COMPLIANCE
--------------	---------------------------

Certifier: PETER REAY	ID: PAR
Branch : Promech Consultants Ltd, 103 Wharf Street Tauranga	

Client : Domett Truck and Trailer	Order No: 4249
Address : 189 Kennedy Road, PO Box 9458 Greerton, Tauranga	Phone No: 575 5139

Vehicle Details :

Make: 2014 DOMETT	Model: E3501	Rego:
VIN / Chassis: 7 A 9 E 3 5 0 1 4 E 1	0 2 3 2 7 1	
Class: TD	Speedo: - km	Hubmeter: 0 km
GCM: - kg	GVM: 32000 kg	Tare: 6400 kg

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

Item certified: SRT
Standards / codes: VDM 2002 RULE 41001

Operating condition and intended use : On highway

Welder: REFER CHECKSHEET

Assumptions & Special Conditions: SRT COMPLIANCE CERTIFICATE 3126-15 ATTACHED

Fabrication / Installation Instructions / Drawing No:

Design For: Single use	Design Life: 10 years
------------------------	-----------------------

Vehicle inspection check sheet completed: <input checked="" type="checkbox"/>	Pass: <input checked="" type="checkbox"/>	Time: <input type="text"/>
-------------------------------------------------------------------------------	-------------------------------------------	----------------------------

Failed work to be completed prior to LT400 being issued :

Rechecked and Passed

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 complies in all respects with the LTSA rule Vehicle Standards Compliance 2002 and my Deed of Appointment. To the best of my knowledge the information contained in this certificate is true and correct

Heavy Vehicle Specialist Inspector Signature: <i>PAROY</i>	Date: 16/12/2014
------------------------------------------------------------	------------------

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: DOMETT TRUCK & TRAILER
Address: PO Box 9458 Greerton 3142
SRT Compliance Certificate no: 3126-15
Vehicle Identification No.(VIN): 7A9E35014E1023271
Vehicle chassis No: 1271
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: 7.6 metres
Maximum height of load or vehicle body: 4.25 metres
Front suspension type: User Defined
Rear suspension type: User Defined

I, Peter Reay 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 4.25 metres and a max. allowable gross mass of 32 tonnes, the SRT is 0.33g

This vehicle fails to meet the minimum SRT target of 0.35g. It will meet the standard if:

- (a) At maximum load height of 4.25 metres, the maximum allowable gross mass is 27.8 tonnes.
- or (b) At maximum gross mass of 32 tonnes, the maximum allowable load height is 4.01 metres.

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

Gross Mass (tonnes)	Load Height (m)
32	4.01
31	4.06
30	4.11
29	4.16
28	4.23
27	4.25

Note: Calculated load heights greater than the legal limit of 4.25m have been set to 4.25m

Results of SRT test to be displayed on Certificate of Loading

X1 = 4.25 metres / Y1 = 27 tonnes ; Y2 = 32 tonnes / X2 = 4.01 metres.

The type of test carried out to establish this rating was: NZTA SRT Calculator Version 2.01c

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):	14500	17500
Payload mass (kg):	11400	14200
Tare mass (kg):	3100	3300
Average load bed height (m):	1.2	
Average load height (m):	4.25	
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.94	0.94
Lash (mm):	90	90
Suspension brand/model:	SAF INTRADISC IU25/2000RZ	SAF INTRADISC IU25/2000RZ
Roll stiffness/axle (Nm/radian):	1200000	1200000
Spring stiffness/spring (N/m):	470000	470000
Roll centre height from axle (m):	0.05	0.05

Promech standard conditions of certification apply. This certificate expires 10 years from the date of issue.

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: PAREAY

Name: **Peter Reay**

Vehicle Inspector/Inspecting Organisation No **PAR**

Date: **16/12/2014**

SRT Compliance Certificate no:

3126-15