



Heavy Vehicle Specialist Certificate

Heavy Vehicle Specialist Inspector and Inspecting Organisation

Heavy Vehicle Specialist Inspector's Name (PRINT IN CAPS)

RONALD STUART PRATT

ID

TRSP

Vehicle Registration*

VIN / Chassis Number

7A9D1502280023788

Component being certified:

Chassis Modification

Load Anchorage

Log Bolsters

Towing Connection

Brake Code

SRT

Certification Category

HVEB

Description of Work

Certify to Brake Code

Code/Standard Certified to

NZ H0BC U11

Component Load Rating(s)

General Drawing Number(s)

NA

Supporting Documents

Brake Code Cert No RPO80603

*Special Conditions

NA

Certification Expiry Date

NA

OR

Hubodometer Reading (whichever comes first)

Empty boxes for hubodometer reading

Declaration

I the undersigned, declare that I am the Heavy Vehicle Specialist Inspector identified above 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 Deed of Appointment. To the best of my knowledge the information contained in this Certificate is true and correct.

Designer's ID (if certified by a manufacturer)

Empty box for Designer's ID

Inspector's / Delegate's Signature

R. S. Pratt

*Delegate's Name (PRINT IN CAPS)

Empty box for Delegate's Name

Date

04/06/2008

Number

288687

COF Vehicle Inspector ID:

Empty box for COF Vehicle Inspector ID

COF Vehicle Inspector Signature:

Empty box for COF Vehicle Inspector Signature

Date

Empty box for Date

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

NOTICE TO VEHICLE OPERATOR

THIS VEHICLE HAS A BRAKE SYSTEM WHICH HAS BEEN DESIGNED AND FITTED IN ACCORDANCE WITH THE NEW ZEALAND HEAVY VEHICLE BRAKE CODE 1991.

IF THIS VEHICLE IS OPERATED IN CONJUNCTION WITH NON-CODED VEHICLES, THERE MAY BE OPERATIONAL FACTORS WHICH NEED TO BE TAKEN INTO CONSIDERATION.

PLEASE REFER TO THE CERTIFIER FOR FURTHER INFORMATION.

EXCERPT FROM NZ HEAVY VEHICLE BRAKE CODE 1991

3.2 CONTINUED COMPLIANCE

Continued compliance of a vehicle with the Code is the responsibility of the vehicle operator.

3.2.1 Maintaining the brake system:

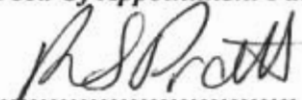
- a) The maintenance of a certified vehicle's brakes and brake system must follow good trade practice so that the vehicle's continued compliance with the Code is not compromised. Full and detailed records must be kept of the work undertaken and of the parts supplied and installed. A copy of this information must be made available to the vehicle operator.
- b) Only components which do not alter the performance and quality as originally specified by the certifier can be used when maintaining a certified brake system. Replacement brake linings must be supplied with a compliance certificate in accordance with the details on the Statement of Compliance and fitted in axle sets (refer 4.1.5 and appendix C)

3.2.2 Modifications to the vehicle or the brake system:

- a) For every significant modification of the vehicle or of its braking system, the brake systems must be re-certified to ensure continued compliance with this Code. A new Statement of Compliance must be issued.

IF YOU ARE UNSURE ABOUT YOUR RESPONSIBILITIES, PLEASE CONTACT THE VEHICLE MANUFACTURER, OR MYSELF.

COMPLAINTS. Complaints and Warranty issues which relate to Brake Certification will be acknowledged within 7 working days and a resolution proposed within 25 working days. Resolution of complaints and Warranty issues is subject to Transpecs Warranty policy. Customers have the right to appeal to the Land Transport Safety Authority if dissatisfied with a Compliance issue. (refer LTSA Deed Of Appointment Para 47.4)LTNZ Helpdesk 0800 699 000


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(R.S.PRATT (TRSP) HVEB,HVEH)

STATEMENT OF COMPLIANCE WITH THE NEW ZEALAND HEAVY VEHICLE BRAKE CODE

VEHICLE TYPE : SEMI-TRAILER
 MAKE : Domett Trailers MODEL : D1502
 SERIAL NUMBER : 023788 GVM (on road) : 42000
 GCM :
 UNLADEN CoG HEIGHT : 0.000 WHEELBASE : 0.000
 UNLADEN MASS, FRONT : 20.00 UNLADEN MASS, REAR : 0.000
 GLOAD : 0.000
 GLOAD CoG HEIGHT : 0.000 POSITION : 0.000 RANGE :
 BRAKE SUSPENSION TYPE : QUAD AXLE
 ACTIVE/NONREACTIVE : Non Reactive

SYSTEM PRESSURE: MAXIMUM OPERATING Pm :
 GOVERNOR CUTIN Pg :
 TIME Pg to Pm :

| AXLE | COUPLING THRESHOLD kPa | BRAKE FORCE kN/kPa | TYRE SIZE mm | FRICTION MATERIAL | | |
|------|---------------------------|-----------------------|-----------------|-------------------|-----------|-------|
| | | | | MAKE | ID NUMBER | COF |
| 1 | 76.95 | 0.069 | 421.0 | Prestige | AF329 | 0.400 |
| 2 | 76.95 | 0.069 | 421.0 | Prestige | AF329 | 0.400 |
| 3 | 76.95 | 0.069 | 421.0 | Prestige | AF329 | 0.400 |
| 4 | 76.95 | 0.069 | 421.0 | Prestige | AF329 | 0.400 |

| AXLE | BRAKE TYPE | DRUM DIAMETER | CHAMBER SIZE | SLACK LENGTH | SPRING FORCE |
|------|------------|---------------|--------------|--------------|--------------|
| 1 | ROR Drum | 378.0 | 140.3 | 127.0 | 5.060 |
| 2 | ROR Drum | 378.0 | 140.3 | 127.0 | 5.060 |
| 3 | ROR Drum | 378.0 | 140.3 | 127.0 | 0.000 |
| 4 | ROR Drum | 378.0 | 140.3 | 127.0 | 0.000 |

| VALVE TYPE | MAKE | MODEL/VERSION |
|---------------------|--------|---------------|
| RELAY 1 | Wabco | 973/001/006/0 |
| RELAY 2 | | |
| SPRING BRAKE VALVE | SEALCO | 110903 |
| QUICK RELEASE VALVE | | |
| PILOT | | |
| OTHER | Wabco | 475/714/500/0 |
| OTHER | SEALCO | 17600B |

the undersigned do hereby certify that the vehicle identified above complies with all requirements of the current New Zealand Heavy Vehicle Brake Code.

Date : 04-06-2008

Signed : 

Certifier's Identification

Name : R S Pratt

Phone : 09 9807300

Company : TRANSPECS LTD

Postal Address : P O BOX 98 971
: S.A.M.C.
: Auckland

Fax : 09 980 7306

Position : TRSP HVEB HVEH

Re-certification

the undersigned do hereby re-certify the vehicle identified above, as modified complies with all requirements of the current New Zealand Heavy Vehicle Brake Code.

Date :

Signed :

Certifier's Identification

Name :

Phone :

Company :

Postal Address :

Fax :

Position :

080603
 /
 3co Relay
 5/70R19.5

VEHICLE TYPE : SEMI-TRAILER

AXLE SUSPENSION TYPE : QUAD AXLE

WEIGHT MASS ON THE REAR SUSPENSION OF THE VEHICLE : 20.00 tonnes

| AXLE NO. | NO. OF VALVES | RATIO VALVE | INSHOT PRESSURE | RATIO OUT/IN | COUPLING PRESSURE 100Nm DRUM TORQUE |
|----------|---------------|-------------|-----------------|--------------|-------------------------------------|
| | 2 | 1 | 70.00 | 0.840 | 76.95 |

| AXLE NO. | VALVE NO. | CRACKING PRESSURE | PRESSURE IN kPa | PRESSURE OUT kPa |
|----------|-----------|-------------------|-----------------|------------------|
| | 1 | 0.000 | 650.0 | 557.2 |
| | 2 | 28.00 | 650.0 | 650.0 |

| AXLE NO. | LINING CoF | CHAMBER AREA cm ² | ADJUSTER LENGTH mm | TYRE RADIUS mm | BRAKE DRUM RADIUS mm |
|----------|------------|------------------------------|--------------------|----------------|----------------------|
| | 0.400 | 140.3 | 127.0 | 421.0 | 189.0 |

| AXLE NO. | S-CAM RADIUS mm | % BRAKE EFFICIENCY | CHAMBER PRESSURE 100Nm DRUM TQUE. |
|----------|-----------------|--------------------|-----------------------------------|
| | 13.00 | 0.800 | 50.00 |

VEHICLE BRAKE FORCE/TONNE AT 500kPa = 5.94kN/tonne

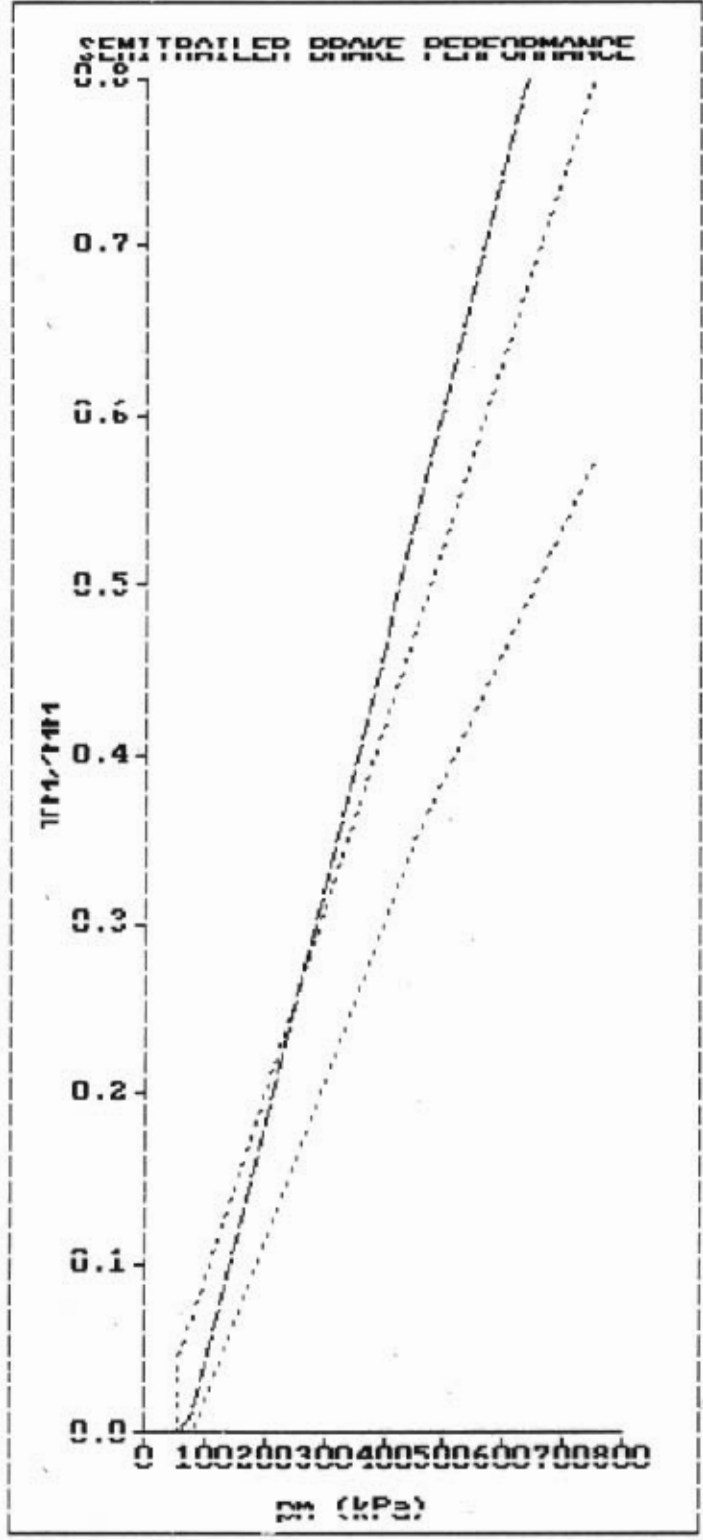
| TYPE | PRESSURE kPa | FORCE kN |
|------|--------------|----------|
| 1 | 450.0 | 5.060 |
| 1 | 450.0 | 5.060 |
| 1 | 450.0 | 0.000 |
| 1 | 450.0 | 0.000 |

DIPPING DISTANCE FOR EMERGENCY PRESSURE = 5.43 m

DIPPING DISTANCE FOR SPRING BRAKES = 13.92 m

2 PARKING BRAKES WILL HOLD THE VEHICLE ON A 1 IN 3.80 SLOPE

080603





P.O.Box 98-971

South Auckland Mail Centre

Ronald Stuart Pratt (TRSP)

| | | | |
|------------------------------------|-------------------|-----------------------|----------------|
| DATE | 4-Jun-08 | TYPE APPROVED | |
| CERTIFICATE No | RP080603 | TYPE APPROVAL NO. | RORQUAD |
| VIN No | 7A9D1502280023788 | | |
| BRAKE CHAMBERS FRONT | 24/30 | | |
| BRAKE CHAMBERS REAR | 24 | LOAD SENSED | YES |
| SLACK LENGTH FRONT | 127mm | TYRE SIZE FRONT | 265/70R19.5 |
| SLACK LENGTH REAR | 127mm | TYRE SIZE REAR | 265/70R19.5 |
| THIS VEHICLE COMPLIES WITH THE NZ | | | |
| HEAVY VEHICLE BRAKE CODE EDITION 2 | | | |
| | | LINING MATERIAL FRONT | Prestige AF329 |
| | | LINING MATERIAL REAR | Prestige AF329 |

WABCO

Load Sensing Valve for Vehicle Type:

VIN OR CHASSIS 7A8KD020208002470

| Front Axle(s) | | Rear Axle(s) | |
|-----------------|--|----------------------------------|--|
| Input Pressure | <input type="text" value="6.5"/> | Bar | Bar |
| | | | <input type="text" value="6.5"/> |
| Valve No. | <input type="text" value="475 714 500 0"/> | | <input type="text" value="475 714 500 0"/> |
| Axle Load kg | | Bag Press. Bar | Output Press. Bar |
| | | | |
| | | <input type="text" value="0.5"/> | <input type="text" value="2.4"/> |
| | | | |
| | | <input type="text" value="4.5"/> | <input type="text" value="5.5"/> |
| | | | |