



**Transpecs**

QUALITY ON THE MOVE

## **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) LTSA Helpdesk 0800 699 000***

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(J.Hirst (JEH) HVEB)

VEHICLE TYPE : SEMI-TRAILER  
 MAKE : DOMETT MODEL : D1502  
 SERIAL NUMBER : 023570 GVM (on road) : 40000  
 GVM (off road) : N/A GCM : N/A  
 UNLADEN CoG HEIGHT : 0.650 WHEELBASE : 4.680  
 UNLADEN MASS,FRONT : 20.00 UNLADEN MASS,REAR : 2.450  
 PAYLOAD : 23.75  
 PAYLOAD CoG HEIGHT : 1.800 POSITION : 2.374 RANGE : N/A  
 REAR SUSPENSION TYPE : QUAD AXLE  
 REACTIVE/NONREACTIVE : NON REACTIVE

SYSTEM PRESSURE: MAXIMUM OPERATING Pm : N/A  
 GOVERNOR CUTIN Pg : N/A  
 TIME Pg to Pm : N/A

AXLE	COUPLING THRESHOLD kPa	BRAKE FORCE kN/kPa	TYRE SIZE mm	FRICTION MATERIAL		
				MAKE	ID NUMBER	COF
1	75.71	0.051	439.0	JURID	539	0.410
2	75.71	0.051	439.0	JURID	539	0.410
3	75.71	0.051	439.0	JURID	539	0.410
4	75.71	0.051	439.0	JURID	539	0.410

AXLE	BRAKE TYPE	DRUM DIAMETER	CHAMBER SIZE	SLACK LENGTH	SPRING FORCE
1	SAF DISK	354.0	85.00	76.00	5.940
2	SAF DISK	354.0	85.00	76.00	5.940
3	SAF DISK	354.0	85.00	76.00	0.000
4	SAF DISK	354.0	85.00	76.00	0.000

TRAILER

VALVE TYPE	MAKE	MODEL/VERSION
RELAY 1	WABCO	400/500/050/0
RELAY 2	WABCO	472/195/023/0
SPRING BRAKE VALVE	SEALCO	110903
QUICK RELEASE VALVE	-	-
PILOT	SEALCO	110410
OTHER	SEALCO	17600B
OTHER	WABCO	475/713/000 @65%

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

Date : 06 APR 05

Signed : 

Certifier's Identification

Name : J.E.HIRST

Phone : (09)9807300

Company : TRANSPORT SPECIALTIES LTD

Postal Address : CNR KERRS & ASH RDS  
: WIRI AUCKLAND  
: PO BOX 98-971 S.A.M.C

Fax : (09)9807306

Position : JEH

Modification

I, 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 : .....

JH050405 DOMETT CHASSIS 023570

VEHICLE TYPE : SEMI-TRAILER

REAR SUSPENSION TYPE : QUAD AXLE

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

AXLE TYPE	NO. OF VALVES	RATIO VALVE	INSHOT PRESSURE	RATIO OUT/IN	COUPLING PRESSURE 100Nm DRUM TORQUE
1	3	2	70.00	0.650	75.71

AXLE TYPE	VALVE NO.	CRACKING PRESSURE	PRESSURE IN kPa	PRESSURE OUT kPa
1	1	28.00	650.0	650.0
1	2	0.000	650.0	447.0
1	3	10.50	650.0	650.0

AXLE TYPE	LINING CoF	CHAMBER AREA cm <sup>2</sup>	ADJUSTER LENGTH mm	TYRE RADIUS mm	BRAKE DRUM RADIUS mm
1	0.410	85.00	76.00	439.0	177.0

AXLE TYPE	CHAMBER (1) PRESSURE kPa	DRUM (1) TORQUE kNm	CHAMBER (2) PRESSURE kPa	DRUM (2) TORQUE kNm
1	40.00	0.100	650.0	9.830

VEHICLE BRAKE FORCE/TONNE AT 500kPa = 4.45kN/tonne

AXLE NO.	AXLE TYPE	EMERGENCY PRESSURE kPa	PARKING FORCE kN
1	1	220.0	5.940
2	1	220.0	5.940
3	1	220.0	0.000
4	1	220.0	0.000

STOPPING DISTANCE FOR EMERGENCY PRESSURE = 12.83 m

STOPPING DISTANCE FOR SPRING BRAKES = 7.18 m

THE PARKING BRAKES WILL HOLD THE VEHICLE ON A 1 IN 1.77 SLOPE

JH050405 DOMETT CHASSIS 023570

