

002 10:30 19/12/2000 5ABT .DT4  
 STATEMENT OF COMPLIANCE WITH THE NEW ZEALAND HEAVY VEHICLE BRAKE CODE

VEHICLE TYPE : SEMI-TRAILER  
 MAKE : DOMETT TRAILER MODEL : B2003.  
 SERIAL NUMBER : 221. GVM (on road) : 15,000 KG.  
 GVM (off road) : 23,000 KG. GCM : N/A.  
 UNLADEN CoG HEIGHT : 0.000 WHEELBASE : 0.000  
 UNLADEN MASS,FRONT : 15.00 UNLADEN MASS,REAR : 0.000  
 PAYLOAD : 0.000  
 PAYLOAD CoG HEIGHT : 0.000 POSITION : 0.000 RANGE : N/A.  
 REAR SUSPENSION TYPE : DUAL AXLE  
 REACTIVE/NONREACTIVE : NONREACTIVE.

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	60.76	0.086	408.0	FERODO.	NAB048 FF.	0.380
2	60.76	0.086	408.0	FERODO.	NAB048 FF.	0.380

AXLE	BRAKE TYPE	DRUM DIAMETER	CHAMBER SIZE	SLACK LENGTH	SPRING FORCE
1	S,CAM.(IMT)	381.0	140.6	127.0	5.940
2	S,CAM.(IMT)	381.0	140.6	127.0	5.940

TRAILER

VALVE TYPE	MAKE	MODEL/VERSION
RELAY 1	BENDIX.	R-12 (28KPA CRACK)
RELAY 2	N/A.	N/A.
SPRING BRAKE VALVE	BENDIX.	SR-5 P/No: 102831.
QUICK RELEASE VALVE	N/A.	N/A.
PILOT	N/A.	N/A.
OTHER	N/A.	N/A.
OTHER	BENDIX.	PP-V EMERG RELEASE

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 : 19/12/2000.

Signed : *R. A. Finch*

Certifier's Identification

Name : R.A.FINCH.

Phone : (07)347-7872.

Postal Address : BNT COMMERCIAL.  
: P.O.Box 233.  
: ROTORUA.

Fax : (07)346-1566.

Position : HVEB CERTIFIER. (RF)

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 : .....

Postal Address : .....

Fax : .....

Position: .....

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MARK CHAPMAN, ROTORUA, 19/12/2000.  
DOMETT 5 AXLE B-TRAIN (2 AXLE REAR  
UNIT). Job/No: 1090, S/No: 221, Rego:  
Vin/No: 7A9B20035Y0023221.

VEHICLE TYPE : SEMI-TRAILER

REAR SUSPENSION TYPE : DUAL AXLE

LADEN MASS ON THE REAR SUSPENSION OF THE VEHICLE : 15.00 tonnes

AXLE TYPE	NO. OF VALVES	RATIO VALVE	INSHOT PRESSURE	RATIO OUT/IN	COUPLING PRESSURE 100Nm DRUM TORQUE	
1	1	0	0.000	0.000	60.76	

  

AXLE TYPE	VALVE NO.	CRACKING PRESSURE	PRESSURE IN kPa	PRESSURE OUT kPa
1	1	28.00	275.0	279.0

  

AXLE TYPE	LINING CoF	CHAMBER AREA cm <sup>3</sup>	ADJUSTER LENGTH mm	TYRE RADIUS mm	BRAKE DRUM RADIUS mm
1	0.380	140.6	127.0	408.0	190.5

  

AXLE TYPE	S-CAM RADIUS mm	% BRAKE EFFICIENCY	CHAMBER PRESSURE 100Nm DRUM TQUE.
1	13.09	0.850	37.00

VEHICLE BRAKE FORCE/TONNE AT 500kPa = 5.15kN/tonne

AXLE NO.	AXLE TYPE	EMERGENCY PRESSURE kPa	PARKING FORCE kN
1	1	345.0	5.940
2	1	345.0	5.940

STOPPING DISTANCE FOR EMERGENCY PRESSURE = 10.08 m

STOPPING DISTANCE FOR SPRING BRAKES = 8.08 m

THE PARKING BRAKES WILL HOLD THE VEHICLE ON A 1 IN 2.05 SLOPE

MARK CHAPMAN, ROTORUA, 19/12/2000.

