

002 11:5 27/9/2000 RMT5ABT .DT4
 STATEMENT OF COMPLIANCE WITH THE NEW ZEALAND HEAVY VEHICLE BRAKE CODE

VEHICLE TYPE : SEMI-TRAILER
 MAKE : DOMETT TRAILER MODEL : C2003,3A SEMI.
 SERIAL NUMBER : 203. GVM (on road) : 18,000 KG.
 GVM (off road) : 25,000 KG. GCM : N/A.
 UNLADEN CoG HEIGHT : 0.000 WHEELBASE : 0.000
 UNLADEN MASS,FRONT : 18.00 UNLADEN MASS,REAR : 0.000
 PAYLOAD : 0.000
 PAYLOAD CoG HEIGHT : 0.000 POSITION : 0.000 RANGE : N/A.
 REAR SUSPENSION TYPE : TRI-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	60.75	0.069	408.0	FERODO.	NAB048 FF.	0.380
2	60.75	0.069	408.0	FERODO.	NAB048 FF.	0.380
3	60.75	0.069	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
3	S,CAM.(IMT)	381.0	140.6	127.0	0.000

TRAILER

VALVE TYPE	MAKE	MODEL/VERSION
RELAY 1	BENDIX.	R-12 (28KPA CRACK)
RELAY 2	BENDIX.	R-12 (28KPA CRACK)
SPRING BRAKE VALVE	BENDIX.	SR-5 P/No:102831.
QUICK RELEASE VALVE	BENDIX. (TRACTOR PRO)	TP-3 & SV-1
PILOT	BENDIX.	R-12P (0KPA CRACK)
OTHER	BENDIX. (FIXED RATIO)	F.R.V. RATIO SET @78%
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 : 27/9/2000. Signed :

Certifier's Identification

Name : R.A.FINCH. Phone : (07)347-7872.

Postal Address : BNT COMMERCIAL. Fax : (07)346-1566.
 : P.O.Box 233.
 : ROTORUA.

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:

LTSANO
004875.

002 11:2 27/9/2000 RMT5ABT .DT4

DRIX NZ LTD, AUCKLAND. 27/9/2000.
DOMETT 5 AXLE B-TRAIN (3 AXLE FRONT UNIT)
Model: C2003, S/No: 203, J*1014, Rego:
Vin/No: 7A9C2003BY0023203.

VEHICLE TYPE : SEMI-TRAILER

REAR SUSPENSION TYPE : TRI-AXLE

LADEN MASS ON THE REAR SUSPENSION OF THE VEHICLE : 18.00 tonnes

AXLE TYPE	NO. OF VALVES	RATIO VALVE	INSHOT PRESSURE	RATIO OUT/IN	COUPLING PRESSURE 100Nm DRUM TORQUE
1	2	1	70.00	0.780	60.75
2	2	1	70.00	0.780	60.75

AXLE TYPE	VALVE NO.	CRACKING PRESSURE	PRESSURE IN kPa	PRESSURE OUT kPa
1	1	0.000	650.0	522.4
1	2	28.00	275.0	279.0
2	1	0.000	650.0	522.4
2	2	28.00	275.0	279.0

AXLE TYPE	LINING CoF	CHAMBER AREA cm ²	ADJUSTER LENGTH mm	TYRE RADIUS mm	BRAKE DRUM RADIUS mm
1	0.380	140.6	127.0	408.0	190.5
2	0.380	140.6	127.0	408.0	190.5

AXLE TYPE	S-CAM RADIUS mm	% BRAKE EFFICIENCY	CHAMBER PRESSURE 100Nm DRUM TQ.UE.
1	13.09	0.850	37.00
2	13.09	0.850	37.00

VEHICLE BRAKE FORCE/TONNE AT 500kPa = 5.13kN/tonne

AXLE NO.	AXLE TYPE	EMERGENCY PRESSURE kPa	PARKING FORCE kN
1	1	345.0	5.940
2	2	345.0	5.940
3	2	345.0	0.000

STOPPING DISTANCE FOR EMERGENCY PRESSURE = 8.06 m

STOPPING DISTANCE FOR SPRING BRAKES = 9.70 m

THE PARKING BRAKES WILL HOLD THE VEHICLE ON A 1 IN 2.55 SLOPE

ORIX NZ LTD, AUCKLAND. 27/9/2000.

