

002 18:12 12/10/2000 DOMETT4A.DT4
 STATEMENT OF COMPLIANCE WITH THE NEW ZEALAND HEAVY VEHICLE BRAKE CODE

VEHICLE TYPE : FULL TRAILER
 MAKE : DOMETT. MODEL : D2001.
 SERIAL NUMBER : 207. GVM (on road) : 29,000 Kg.
 GVM (off road) : 29,000 Kg. GCM : N/A.
 UNLADEN CoG HEIGHT : 0.750 WHEELBASE : 5.240
 UNLADEN MASS,FRONT : 3.100 UNLADEN MASS,REAR : 2.900
 PAYLOAD : 23.00
 PAYLOAD CoG HEIGHT : 2.000 POSITION : 2.645 RANGE :
 FRONT SUSPENSION TYPE : DUAL AXLE REAR SUSPENSION TYPE : DUAL AXLE
 REACTIVE/NONREACTIVE : NONREACTIVE. 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	75.14	0.093	403.0	ROR.	4600 AF.	0.400
2	75.14	0.093	403.0	ROR.	4600 AF.	0.400
3	62.52	0.074	403.0	ROR.	4600 AF.	0.400
4	62.52	0.074	403.0	ROR.	4600 AF.	0.400

AXLE	BRAKE TYPE	DRUM DIAMETER	CHAMBER SIZE	SLACK LENGTH	SPRING FORCE
1	DISC. (ROR)	377.0	118.6	80.00	0.000
2	DISC. (ROR)	377.0	118.6	80.00	0.000
3	DISC. (ROR)	377.0	118.6	80.00	5.060
4	DISC. (ROR)	377.0	118.6	80.00	5.060

TRAILER

VALVE TYPE	MAKE	MODEL/VERSION
RELAY 1	BENDIX.	R-12 (38KPA CRACK)
RELAY 2	BENDIX.	R-12 (28KPA CRACK)
SPRING BRAKE VALVE	BENDIX.	SR-5 P/No:102831.
QUICK RELEASE VALVE	N/A.	N/A.
PILOT	BENDIX.	SC-3 (TANK PROTEC)
OTHER	BENDIX.	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 : 12/10/2000.

Signed : *R.A. Finch*

Certifier's Identification

Name : R.A.FINCH. (RF)

Phone : (07)347-7872.

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

Fax : (07)346-1566.

Position : HVEB CERTIFIER. (R.F)

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 :

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Position:

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SCOTT KAY, PARAPARAUMU, 12/10/2000.
DOMETT 4 AXLE CURTAINSIDER TRAILER.
Job/No: 1040, S/No: 207, Rego:
Vin/No: 7A9D20011Y0023207.

VEHICLE TYPE : FULL TRAILER
FRONT SUSPENSION TYPE : DUAL AXLE
REAR SUSPENSION TYPE : DUAL AXLE

TARE MASS ON THE FRONT SUSPENSION OF THE VEHICLE : 3.100 tonnes
TARE MASS ON THE REAR SUSPENSION OF THE VEHICLE : 2.900 tonnes
VEHICLE WHEELBASE : 5.240 m
CENTRE OF GRAVITY HEIGHT FOR THE UNLADEN VEHICLE : 0.750 m
MASS OF THE LOAD ON THE VEHICLE : 23.00 tonnes
LENGTH FROM FRONT SUSPENSION TO LOAD CoG : 2.645 m
HEIGHT OF THE LOAD CoG ABOVE GROUND : 2.000 m

Laden mass on the front suspension = 14.49
Laden mass on the rear suspension = 14.50

AXLE TYPE	NO. OF VALVES	RATIO VALVE	INSHOT PRESSURE	RATIO OUT/IN	COUPLING PRESSURE 100Nm DRUM TORQUE
1	1	0	0.000	0.000	75.14
2	2	1	70.00	0.780	62.52

AXLE TYPE	VALVE NO.	CRACKING PRESSURE	PRESSURE IN kPa	PRESSURE OUT kPa
1	1	38.00	800.0	800.0
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	0.400	118.6	80.00	403.0	188.5
2	0.400	118.6	80.00	403.0	188.5

AXLE TYPE	CHAMBER (1) PRESSURE kPa	DRUM (1) TORQUE kNm	CHAMBER (2) PRESSURE kPa	DRUM (2) TORQUE kNm
1	39.00	0.100	500.0	8.330
2	39.00	0.100	500.0	8.330

VEHICLE BRAKE FORCE/TONNE AT 500kPa = 5.03kN/tonne

AXLE NO.	AXLE TYPE	EMERGENCY PRESSURE kPa	PARKING FORCE kN
1	1	345.0	0.000
2	1	345.0	0.000
3	2	345.0	5.060
4	2	345.0	5.060

STOPPING DISTANCE FOR EMERGENCY PRESSURE = 9.12 m

STOPPING DISTANCE FOR SPRING BRAKES = 14.45 m

THE PARKING BRAKES WILL HOLD THE VEHICLE ON A 1 IN 3.96 SLOPE

SCOTT KAY, PARAPARAUMU, 12/10/2000.

