

002 10:21 26/10/2000 DOMETT4A.DT4
 STATEMENT OF COMPLIANCE WITH THE NEW ZEALAND HEAVY VEHICLE BRAKE CODE

VEHICLE TYPE : FULL TRAILER

MAKE : DOMETT. MODEL : D2501.

SERIAL NUMBER : 211. GVM (on road) : 29,000 Kg.

GVM (off road) : 29,000 Kg. GCM : N/A.

UNLADEN CoG HEIGHT : 0.750 WHEELBASE : 5.510

UNLADEN MASS, FRONT : 2.450 UNLADEN MASS, REAR : 2.250

PAYLOAD : 24.30

PAYLOAD CoG HEIGHT : 2.000 POSITION : 2.778 RANGE :

FRONT SUSPENSION TYPE : DUAL AXLE REAR SUSPENSION TYPE : DUAL AXLE
 REACTIVE/NONREACTIVE : REACTIVE. REACTIVE/NONREACTIVE : 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	74.19	0.087	404.0	FERODO.	NAB048 FF.	0.380
2	74.19	0.087	404.0	FERODO.	NAB048 FF.	0.380
3	61.64	0.076	404.0	FERODO.	NAB048 FF.	0.380
4	61.64	0.076	404.0	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	0.000
2	S,CAM.(IMT)	381.0	140.6	127.0	0.000
3	S,CAM.(IMT)	381.0	140.6	127.0	5.940
4	S,CAM.(IMT)	381.0	140.6	127.0	5.940

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 @87%
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 : 26/10/2000.

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 :

Position:

002 10:17 26/10/2000 DOMETT4A.DT4

TeKUMU ESTATES LTD, MARTON. 26/10/2000.

DOMETT 4 AXLE STOCK TRAILER.

Job/No: 1054, S/No: 211, Rego:

Vin/No: 7A9D25017Y0023211.

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

TARE MASS ON THE FRONT SUSPENSION OF THE VEHICLE : 2.450 tonnes
TARE MASS ON THE REAR SUSPENSION OF THE VEHICLE : 2.250 tonnes
VEHICLE WHEELBASE : 5.510 m
CENTRE OF GRAVITY HEIGHT FOR THE UNLADEN VEHICLE : 0.750 m
MASS OF THE LOAD ON THE VEHICLE : 24.30 tonnes
LENGTH FROM FRONT SUSPENSION TO LOAD CoG : 2.778 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	74.19
2	2	1	70.00	0.870	61.64

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	574.6
2	2	28.00	275.0	279.0

AXLE TYPE	LINING CoF	CHAMBER AREA cm ³	ADJUSTER LENGTH mm	TYRE RADIUS mm	BRAKE DRUM RADIUS mm
1	0.380	140.6	127.0	404.0	190.5
2	0.380	140.6	127.0	404.0	190.5

AXLE TYPE	S-CAM RADIUS mm	% BRAKE EFFICIENCY	CHAMBER PRESSURE 100Nm DRUM TQ.UE.
1	13.09	0.850	38.00
2	13.09	0.850	38.00

VEHICLE BRAKE FORCE/TONNE AT 500kPa = 4.96kN/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	5.940
4	2	345.0	5.940

STOPPING DISTANCE FOR EMERGENCY PRESSURE = 9.68 m

STOPPING DISTANCE FOR SPRING BRAKES = 15.52 m

THE PARKING BRAKES WILL HOLD THE VEHICLE ON A 1 IN 4.27 SLOPE

TeKUMU ESTATES LTD, MARTON. 26/10/2000.

