

002 10:32 11/12/2000 DOMETT4A.DT4
 STATEMENT OF COMPLIANCE WITH THE NEW ZEALAND HEAVY VEHICLE BRAKE CODE

VEHICLE TYPE : FULL TRAILER
 MAKE : DOMETT. MODEL : D1501.
 SERIAL NUMBER : 219. GVM (on road) : 29,000 Kg.
 GVM (off road) : 29,000 Kg. GCM : N/A.
 UNLADEN CoG HEIGHT : 0.750 WHEELBASE : 5.970
 UNLADEN MASS,FRONT : 3.050 UNLADEN MASS,REAR : 2.950
 PAYLOAD : 23.00
 PAYLOAD CoG HEIGHT : 2.000 POSITION : 3.000 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	71.33	0.088	438.0	FERODO.	PM17/20 FF.	0.380
2	71.33	0.088	438.0	FERODO.	PM17/20 FF.	0.380
3	58.98	0.076	438.0	FERODO.	PM17/20 FF.	0.380
4	58.98	0.076	438.0	FERODO.	PM17/20 FF.	0.380

AXLE	BRAKE TYPE	DRUM DIAMETER	CHAMBER SIZE	SLACK LENGTH	SPRING FORCE
1	S,CAM.(IMT)	419.0	140.6	127.0	0.000
2	S,CAM.(IMT)	419.0	140.6	127.0	0.000
3	S,CAM.(IMT)	419.0	140.6	127.0	5.940
4	S,CAM.(IMT)	419.0	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 @85%
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 : 11/12/2000.

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 10:27 11/12/2000 DOMETT4A.DT4

HYNDS PIPE SYSTEMS, EAST TAMAKI, AUCKLAND.
DOMETT 4 AXLE GENERAL HEAVY DUTY TRAILER
Job/No: 1087, S/No: 219, Rego:
Vin/No: 7A9D15018Y0023219.

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

TARE MASS ON THE FRONT SUSPENSION OF THE VEHICLE : 3.050 tonnes
TARE MASS ON THE REAR SUSPENSION OF THE VEHICLE : 2.950 tonnes
VEHICLE WHEELBASE : 5.970 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 : 3.000 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	71.33
2	2	1	70.00	0.850	58.98

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	563.0
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	438.0	209.5
2	0.380	140.6	127.0	438.0	209.5

AXLE TYPE	S-CAM RADIUS mm	% BRAKE EFFICIENCY	CHAMBER PRESSURE 100Nm DRUM TQUE.
1	13.09	0.850	35.00
2	13.09	0.850	35.00

VEHICLE BRAKE FORCE/TONNE AT 500kPa = 5.01kN/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 = 9.47 m

STOPPING DISTANCE FOR SPRING BRAKES = 15.20 m

THE PARKING BRAKES WILL HOLD THE VEHICLE ON A 1 IN 4.18 SLOPE

HYNDS PIPE SYSTEMS, EAST TAMAKI, AUCKLAND.

