

STATEMENT OF COMPLIANCE WITH THE NEW ZEALAND HEAVY VEHICLE BRAKE CODE

VEHICLE TYPE : SEMI-TRAILER

MAKE : DOMETT MODEL : B2003

SERIAL NUMBER : 181 GVM (on road) : 23000

GVM (off road) : N/A 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 : NON 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	69.09	0.082	400.0	FERODO	PM17/20	0.380
2	69.09	0.082	400.0	FERODO	PM17/20	0.380

AXLE	BRAKE TYPE	DRUM DIAMETER	CHAMBER SIZE	SLACK LENGTH	SPRING FORCE
1	IMT S-CAM	381.0	140.0	127.0	5.940
2	IMT S-CAM	381.0	140.0	127.0	5.940

TRAILER

VALVE TYPE	MAKE	MODEL/VERSION
RELAY 1	SEALCO	110415
RELAY 2	-	-
SPRING BRAKE VALVE	SEALCO	110170
QUICK RELEASE VALVE	-	-
PILOT	-	-
OTHER	-	-
OTHER	SEALCO	17600B

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 : 4 APR 00

Signed : 

Certifier's Identification

Name : B.R. LAING

Phone : (09)9807300

Company : TRANSPORT SPECIALTIES LTD

Postal Address : CNR ASH & KERRS RDS  
 : WIRI AUCKLAND  
 : PO BOX 98-971 S.A.M.C

Fax : (09)9807306

Position : LTSA CERTIFIER #1055

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 : .....

Company : .....

Postal Address : ..... Fax : .....

.....

Position : .....

0004080 DOMETT CHASSIS 181

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	69.09

AXLE TYPE	VALVE NO.	CRACKING PRESSURE	PRESSURE IN kPa	PRESSURE OUT kPa
1	1	31.00	650.0	650.0

AXLE TYPE	LINING CoF	CHAMBER AREA cm <sup>2</sup>	ADJUSTER LENGTH mm	TYRE RADIUS mm	BRAKE DRUM RADIUS mm
1	0.380	140.0	127.0	400.0	190.5

AXLE TYPE	S-CAM RADIUS mm	% BRAKE EFFICIENCY	CHAMBER PRESSURE 100Nm DRUM TQUE.
1	13.09	0.800	40.00

VEHICLE BRAKE FORCE/TONNE AT 500kPa = 4.81kN/tonne

AXLE NO.	AXLE TYPE	EMERGENCY PRESSURE kPa	PARKING FORCE kN
1	1	490.0	5.940
2	1	490.0	5.940

STOPPING DISTANCE FOR EMERGENCY PRESSURE = 7.25 m

STOPPING DISTANCE FOR SPRING BRAKES = 8.47 m

THE PARKING BRAKES WILL HOLD THE VEHICLE ON A 1 IN 2.18 SLOPE

0004080 DOMETT CHASSIS 181

