

VEHICLE TYPE : SEMI-TRAILER

MAKE : DOMETT MODEL : B2003

SERIAL NUMBER : 229 GVM (on road) : 23000

GVM (off road) : N/A GCM : N/A

UNLADEN CoG HEIGHT : 0.000 WHEELBASE : 0.000

UNLADEN MASS, FRONT : 14.50 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	64.33	0.082	400.0	FERODO	PM17/20	0.380
2	64.33	0.082	400.0	FERODO	PM17/20	0.380

AXLE	BRAKE TYPE	DRUM DIAMETER	CHAMBER SIZE	SLACK LENGTH	SPRING FORCE
1	IMT S-CAM	380.0	140.0	150.0	5.940
2	IMT S-CAM	380.0	140.0	150.0	5.940

TRAILER

VALVE TYPE	MAKE	MODEL/VERSION
RELAY 1	SEALCO	110415
RELAY 2	-	-
SPRING BRAKE VALVE	SEALCO	110170
QUICK RELEASE VALVE	-	-
PILOT	-	-
OTHER	WABCO	475/713/000/0 @85%
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 : 25 FEB 01

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 : BRL

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 :

VEHICLE TYPE : SEMI-TRAILER

REAR SUSPENSION TYPE : DUAL AXLE

LADEN MASS ON THE REAR SUSPENSION OF THE VEHICLE : 14.50 tonnes

AXLE TYPE	NO. OF VALVES	RATIO VALVE	INSHOT PRESSURE	RATIO OUT/IN	COUPLING PRESSURE 100Nm DRUM TORQUE
1	2	1	70.00	0.850	64.33

AXLE TYPE	VALVE NO.	CRACKING PRESSURE	PRESSURE IN kPa	PRESSURE OUT kPa
1	1	0.000	650.0	563.0
1	2	31.00	650.0	650.0

AXLE TYPE	LINING CoF	CHAMBER AREA cm ²	ADJUSTER LENGTH mm	TYRE RADIUS mm	BRAKE DRUM RADIUS mm
1	0.380	140.0	150.0	400.0	190.0

AXLE TYPE	S-CAM RADIUS mm	% BRAKE EFFICIENCY	CHAMBER PRESSURE 100Nm DRUM TQUE.
1	13.09	0.800	35.00

VEHICLE BRAKE FORCE/TONNE AT 500kPa = 5.05kN/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 = 5.90 m

STOPPING DISTANCE FOR SPRING BRAKES = 6.88 m

THE PARKING BRAKES WILL HOLD THE VEHICLE ON A 1 IN 1.67 SLOPE

0102455 DOMETT CHASSIS 229

