

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name (PRINT IN CAPS) **CHRIS CLARKE** ID **CJC**

Plate number (optional)

Make **DOMETT** VIN/chassis number **7A9C2002XN2023209**

Model (optional) **C2002 BPH** Component being certified: Chassis Load anchorage

Certification category **HVEK** Log bolsters Towing connection Brakes

SRT PSV stability PSV rollover

Swept path PBS

Description of work

CERTIFY TO SCHEDULE 5 OF LTR 32015/5: NZ HEAVY VEHICLE BRAKE SPECIFICATION.
 CARRY OUT BRAKE CALCULATIONS, INSPECTION AND ECU END OF LINE PROTOCOL.
 3ASBTR CURTAINSIDE **RSS ON TYRE: 265 70 R19.5**
 FOR SYSTEM ARCHITECTURE, PLEASE REFER TO PDS WORKSHEET & SCHEMATIC.
REASON FOR CERTIFICATION: NEW TRAILER BUILD

Code/standard/rule certified to Component load rating(s)

LTR 32015/5 28 Tonnes GVM

General drawing number(s) 19 Tonnes (Rear brake mass)

N/A

Supporting documents

BRAKE RULE CERTIFICATE **JH220617**

BRAKE CALCULATION # **TP52490**

Special conditions (optional)

WARNING LAMP MUST ILLUMINATE WHEN IGNITION IS SWITCHED ON & THEN EXTINGUISH IMMEDIATELY OR WHEN VEHICLE SPEED EXCEEDS 7 KM/H

Certification expiry date (if applicable) **OR** Hubodometer reading (whichever comes first)

N/A [UNLESS MODIFIED]

Declaration

Designer's ID (if different from inspector below) **JEH**

I the undersigned, declare that I am the heavy vehicle specialist inspector identified and I hold a current valid appointment. I certify that the above mentioned vehicle component's design, manufacture and installation, and this certification complies in all respects with the Land Transport Rule: Vehicle Standards Compliance 2002 and my appointment. To the best of my knowledge the information contained in the certificate is true and correct.

Inspector's signature **JEH** Inspector's name (PRINT IN CAPS) **CHRIS CLARKE** ID number **CJC**

Date **05.07.2024** Number **830402**

CoF vehicle inspector ID (if applicable)

CoF vehicle inspector signature (if applicable)

Date

All fields are mandatory unless otherwise stated.

WABCO START-UP LOG

System	Trailer EBS-E	WABCO part number	480 102 080 0
Production date	2022-04-23	Serial number	897041558100E
Serial number (modulator)	000000551514		

Fingerprint Customer EOL / Customer Development / Flash Program W503643 / 2022-07-05 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00

WABCO

TRAILER EBS-E

GV5/ADR TUEH TR 2007 - 019.00
ATRP0185

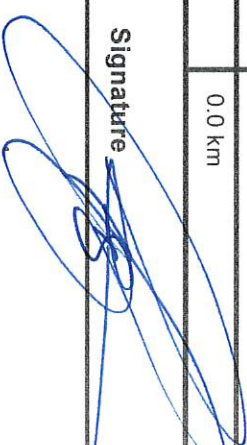
VEHICLE IDENTIFICATION NUMBER	3ASBTR CURTAINSIDE	GIO	Pin1	Pin3	Pin4
CHASSIS NUMBER	7A9C2002XN2023209	1	---	---	---
NUMERO DE CHASSIS		2	---	---	---
TRAFIKRECHNUNGS-NR.		3	---	---	---
BRAKE CALCULATION NO.	TP52490S	4	---	---	---
CALCUL DE FREINAGE NO.		5	DIAG	DIAG	DIAG
POLE RADZAHNEZAHN, c.d. r. l.	100	6	---	---	---
POLE KHEBEL, THERM. c.d. r. l.		7	---	---	---
POLE TR. ROZE, BERT. c.d. l. r.					
R15	Einbaubereifung	Lehrkette	Lehrkette		
R16	Abgabe simple	Esseur-viseur			
R17	Zentralsteuerung	Kennzeichens Eintragung			
R18	Abgabe zentrale	Critical Trailer			
R19	Abgabe zentrale	Vehicle critique			
Subsystems	...	I/O	24N		

A-CHIE ESSEN	pni (bar)	6.5	pm (bar)	0.8	2.0	6.5	TR	TYPE	(mm)	(mm)	(bar)				
											1.0	Pz			
1	1350	0.4	1.9	6350	3.5	0.3	1.3	---	5.1	-	14 / 16	64	69	443	2802
2	1350	0.4	1.9	6350	3.5	0.3	1.3	---	5.1	-	14 / 16	64	69	443	2802
3	1350	0.4	1.9	6350	3.5	0.3	1.3	---	5.1	-	14	64	69	443	2802
4	0	---	---	---	---	---	---	---	---	-	---	---	---	---	---
5	0	---	---	---	---	---	---	---	---	-	---	---	---	---	---

TEBS-E

Diagnostic memory	OK	Warning lamp control	OK
Parameter setting	carried out	Stop light supply	OK
EBS pressure test	OK	Lifting axle test	Not tested
Redundancy test	OK	ECAS height sensor calibration	Not tested
ABS sensor assignment	OK	Height sensor axle load	Not tested
RTR test	Not tested	Leak test	Not tested
Immobilizer test	Not tested	Signal outputs	Not tested
Signal inputs	Not tested	Tag axle test	Not tested

Electronic Extension Module

Diagnostic memory	Not tested	Signal outputs	Not tested
TailGUARDlight	Not tested	TailGUARD	Not tested
Manufacturer	DOMETT TRAILERS	Vehicle ident. no.	7A9C2002XN2023209
Vehicle type	3ASBTR CURTAINSIDE	Odometer reading	0.0 km
Next service	0 km	Trip reading	0.0 km
Tester	Chris Clarke	Signature 	
Date	2022-07-05 2:12:04 pm		

distribution: DOMETT TRAILERS
 7A9C2002XN2023209
 SODC: JH220617
 LT400: CJC 830402

Please note:
 This brake calculation is made under consideration of
 -the legal prescriptions mentioned above in the version valid
 at the time of making the program (V6.18.07.12).
 -the functional characteristics of your products
 as well as the data of the brake out of the test
 approvals of the axle manufacturers, and
 -the other vehicle data included in the brake calculation.
 Please check whether these data correspond to the actual vehicle data.
 Our conditions of delivery apply (particularly section 9 O).
 In any case we comment to do a braking harmonisation!
 WABCOBrake V6.18.07.12 ab 31.08.2018

vehicle manufacturer: DOMETT TRAILERS
 trailer model : 3ASBTR CURTAINSIDE
 trailer type : 3-axle-semi-trailer
 remarks : air / hydraulic / VA suspension
 WABCO TRAILER - EBS E
 TRISTOP 1+2: T.14/24 [TSE1416HTLD ACTUALLY FITTED -
 SEE PAGE 6 FOR PERFORMANCE DATA]
 265/70 R 19,5

axle 1 + 2 + 3 : HENDRICKSON, SBW 1937, ATPR0185, AT0185

		unladen	laden
total mass	P in kg	5000	30000
king-pin	PS kg	950	28000
axle 1	P1 in kg	1350	8950
axle 2	P2 in kg	1350	10950
axle 3	P3 in kg	1350	6350
total axle mass	PR in kg	4050	6350
wheel base	E in mm	6200	4050
centre of gravity height	h in mm	850	2100
K-factor	Kv min	2.0049	0.9757
K-factor	Kv max	2.0275	0.9960

no. of combined axles
 no. of brake chambers per axle line KdZ
 The power output corresponds to
 brake chamber manufacturer
 chamber size
 lever length LBh in mm
 brake factor [-]
 dyn. rolling radius rdyn min in mm
 dyn. rolling radius rdyn max in mm
 threshold torque Co Nm

	axle 1	axle 2	axle 3
manually	1	1	1
	2	2	2
BZ	119.6	119.6	122.1
Meritor		Meritor	Meritor
T.14/24	T.14/24	T.14/24	14.
	69	69	69
	23.49	23.49	23.49
	421	421	421
	421	421	421
	6.0	6.0	6.0

Calculation:
 chamber pressure(rdyn min)pH at z=22,5%bar
 chamber pressure(rdyn max)pH at z=22,5%bar
 chamber press.(servo)pcha at pm6,5bar bar
 piston force THA at pm6,5bar N
 brake force(rdyn min)T lad. at pm6,5bar N
 brake force(rdyn max)T lad. at pm6,5bar N
 Brake force incl. 1 % rolling resistance
 proportion %

2.0	2.0	2.0
2.0	2.0	2.0
5.1	5.1	5.1
4886	4886	4886
37620	37620	37620
37620	37620	37620
33.3	33.3	33.3

braking rate z laden 0.604 for rdyn min
 z = sum (TR)/PPrmax 0.604 for rdyn max

Trailer may only be operated in combination with trucks/tractors with ISO 7638 supply (5 or 7 polar).

brake diagram : 841 701 101 0

maximum pressure: 8.5 bar

axle 1:

valve 1: 971 002 0 WABCO
EBS emergency valve

valve 2: 480 102 0 WABCO
EBS trailer modulator

brake cylinder: Meritor 1424HTLD64

axle 2:

valve 1: 971 002 0 WABCO
EBS emergency valve

valve 2: 480 102 0 WABCO
EBS trailer modulator

brake cylinder: Meritor 1424HTLD64

axle 3:

valve 1: 971 002 0 WABCO
EBS emergency valve

valve 2: 480 102 0 () WABCO or 480 207 0.. 0 / 2.. 0
EBS trailer modulator

brake cylinder: Meritor 14HSCLD64

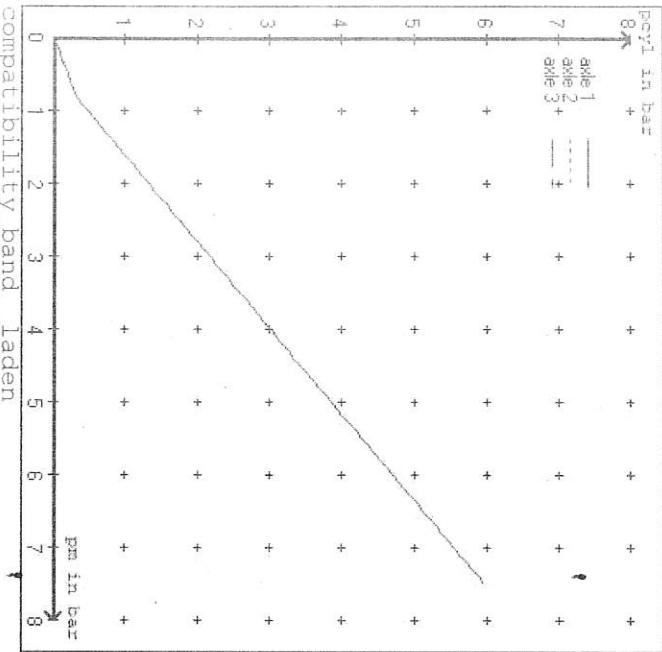
test type III (zIII = 0.30) for rdyn min : axle1 axle2 axle3

at pm 3.6 bar => pcha in bar : 2.6 2.6 2.6

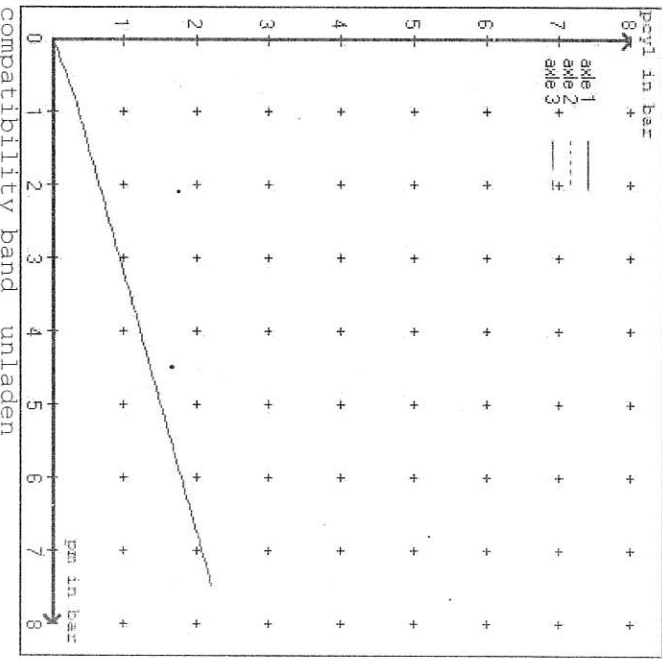
test type III (zIII = 0.06) for rdyn min : axle1 axle2 axle3

at pm 1.3 bar => pcha in bar : 0.7 0.7 0.7

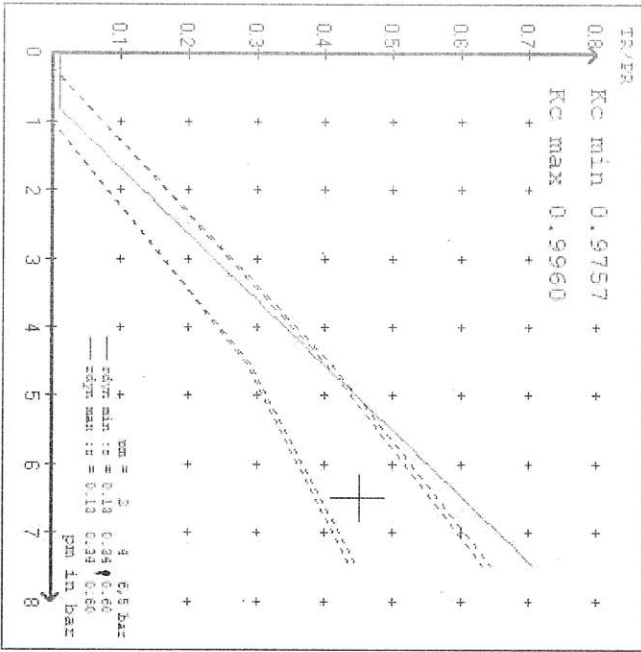
brake chamber pressure laden



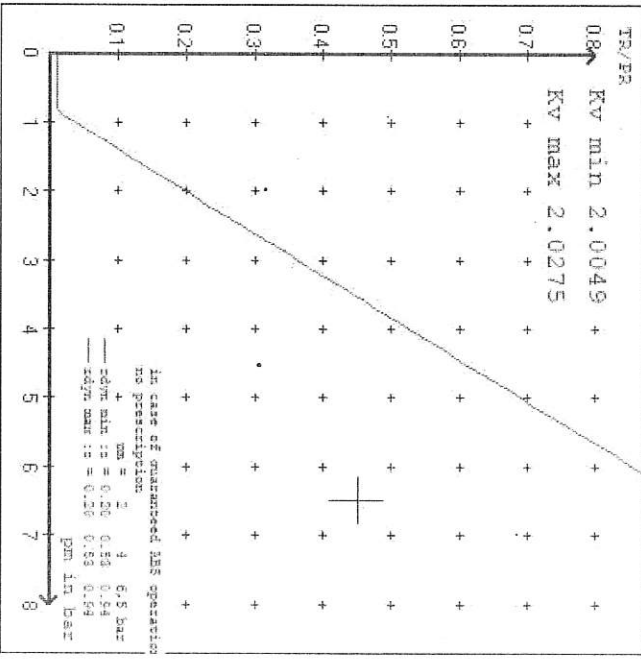
brake chamber pressure unladen



compatibility band laden



compatibility band unladen



vehicle manufacturer: DOMETT TRAILERS
 trailer model : 3ASBTR CURTAINSIDE
 trailer type : 3-axle-semi-trailer

brake chamber and lever length :
 axle 1 : 2 x type/diameter T.14/24 (Meritor) lever length 69 mm
 axle 2 : 2 x type/diameter T.14/24 (Meritor) lever length 69 mm
 axle 3 : 2 x type/diameter 14. (Meritor) lever length 69 mm

brake diagram : 841 701 101 0

valve :
 971 002 ... 0 WABCO EBS emergency valve
 480 102 ... 0 WABCO EBS trailer modulator
 480 102 ... 0 WABCO EBS trailer modulator or 480 207 0.. 0 / 2.. 0

EBS input data

vehicle manufacturer: DOMETT TRAILERS
 trailer model : 3ASBTR CURTAINSIDE
 trailer type : 3-axle-semi-trailer
 brake calculation no. : TP 52490S

tire circumference main axle : 2650 for rdyn max
 tire circumference auxiliary axle : 2650 for rdyn max

assignment pm / deceleration z: pm 0.8 bar z = 0.010
 2.0 bar z = 0.134
 (laden condition) 6.5 bar z = 0.600

axle	control pressure pm		brake pr. unladen	axle load laden	control pressure pm		brake pr. laden		
	axle load unladen	bellow pr. unladen			bellow pr. laden	0.8	2.0	6.5	
1	1350	to be	1.9	6350	to be	0.3	1.3	5.1	
2	1350	entered by	1.9	6350	entered by	0.3	1.3	5.1	
3	1350	the vehicle	1.9	6350	the vehicle	0.3	1.3	5.1	
4	0	manufact.	0,0	0	manufact.	0,0	0,0	0,0	
5	0		0,0	0		0,0	0,0	0,0	

The unladen values indicated in the above table are values for the basic parameter set. Higher unladen axle loads and liftaxles are automatically recognized and do not require separate adjustment. The above unladen axle loads must not be fallen below.

axle 1		axle 2		axle 3	
axle load	pcyl	axle load	pcyl	axle load	pcyl
1350	1.9	1350	1.9	1350	1.9
1850	2.2	1850	2.2	1850	2.2
2350	2.5	2350	2.5	2350	2.5
2850	2.9	2850	2.9	2850	2.9
3350	3.2	3350	3.2	3350	3.2
3850	3.5	3850	3.5	3850	3.5
4350	3.8	4350	3.8	4350	3.8
4850	4.1	4850	4.1	4850	4.1
6350	5.1	6350	5.1	6350	5.1

data sheet to ECE vehicle type-approval certificate concerning braking
 equipment: according to ECE R13 annex 11

axle 1 : reference axle: HENDRICKSONAANL230
 test report : ATPR0185
 axle 2 : reference axle: HENDRICKSONAANL230
 test report : ATPR0185
 axle 3 : reference axle: HENDRICKSONAANL230
 test report : ATPR0185

brake lining: WABCO 230
 date : 02.03.2017
 brake lining: WABCO 230
 date : 02.03.2017
 brake lining: WABCO 230
 date : 02.03.2017

calc. verif. of residual (hot) braking force type III
 (item 4.2.1 of appendix 2 to annex 11)

axle 1	(rdyn 421 mm)	T = 18.7 % Fe
axle 2	(rdyn 421 mm)	T = 18.7 % Fe
axle 3	(rdyn 421 mm)	T = 18.7 % Fe

calculated actuator stroke in mm
 (item 4.3.1.1 of appendix 2 to annex 11)

axle 1	(sp = 56 mm)	s = 48 mm
axle 2	(sp = 56 mm)	s = 48 mm
axle 3	(sp = 56 mm)	s = 48 mm

average thrust output in N at pm = 6,5 bar (however max. pcha = 7,0 bar)

axle1	ThA = 4886 N
axle2	ThA = 4886 N
axle3	ThA = 4886 N

calc. residual (hot) braking force in N
 (item 4.3.1.4 of appendix 2 to annex 11)

axle 1	(rdyn 421 mm)	T = 30097 N
axle 2	(rdyn 421 mm)	T = 30097 N
axle 3	(rdyn 421 mm)	T = 30097 N

braking rate of the vehicle
 (item 4.3.2 to appendix 2 to annex 11)

basic test	type III
of subject	(calculated)
trailer (E)	residual
	(hot)braking
	0.48

required braking rate
 (items 1.5.3 and 1.7.2 to annex 11)

>= 0,4 and
 >= 0,6+E (0.36)

axle 1	(rdyn 421 mm)	T = 30097 N
axle 2	(rdyn 421 mm)	T = 30097 N
axle 3	(rdyn 421 mm)	T = 30097 N

braking rate of the vehicle
 (item 4.3.2 to appendix 2 to annex 11)

basic test	type III
of subject	(calculated)
trailer (E)	residual
	(hot)braking
	0.48

required braking rate
 (items 1.5.3 and 1.7.2 to annex 11)

>= 0,4 and
 >= 0,6+E (0.36)

spring parking brake

```

no of TRISTOP-actuators per axle line KDZ
TRISTOP-actuator type          LBh in mm
Lever length                    69
stat. tyre radius               rstat max in mm
at a stroke of                  s      in mm
min. force of spring brake     TFZ in N
sp.brake chamber no Meritor.....
release pressure                pls in bar
    
```

axle 1 axle 2

```

2          2
T.14/16   T.14/16
69        69
401       401
30        30
6160     6160
4         4
4.8      4.8
    
```

calculation:

```

ratio until road
iFb = LBh*Eta*C*rBt/((rBn*rstat)
      for rstat in mm
brake force of spring br. TF in N
TF = (TFZ*KDZ-2*Co/LBh)*iFb
braking rate          zf laden          0.536
zf = sum (TF)/P + 0,01
    
```

4.0466 4.0466

```

401          401
49151       49151
    
```

Test of the frictional connection required by the parking brake

minimum wheelbase/minimum supporting width min Ef necessary
to fulfil the regulations

$$\min Ef = E * (1 - PR/P + zferf * h/E) / (1 - zferf / (fzul * nf/ng))$$

min Ef = 3986 mm for E = 6200 mm

min Ef = 4042 mm for E = 6300 mm

min Ef = minimum distance between front axle(s) (trailer) or support (semitrailer)
and the rear axle(s) (resultant of the bogie)

```

E = wheel base
fzul = 0.80 maximum permissible frictional connection required
zferf = 0.18 maximum required braking ratio of the parking brake
h = 2100 mm height of center of gravity - laden
PR = 19050 kg maximum bogie mass - laden
P = 30000 kg maximum total mass - laden
nf = 2 no. of axle(s) with TRISTOP spring brake actuators
ng = 3 no. of bogie axle(s)
    
```


axle manufacturer
 type of brake
 type of axle

axle 1 + 2 + 3
 HENDRICKSON
 SBW 1937
 AANL230
 ATPR0185
 AT0185

test report of characteristic value

adm. stat. axle load
 tested axle load
 max. adm. tyre radius
 adm. cam. torque (6,5 bar)
 lining area per brake
 no. of brake cylinder
 brakrefactor (SB) BF
 brakrefactor (PB) BF
 threshold torque (Co,dec)

Pstat in kg 9000
 Pe in kg 10200
 Rezul in mm 999
 Czul in Nm 640
 AB in cm² 292
 - - 2
 - 23.49
 - 23.49
 Mo in Nm 6

date
 brake lining
 cam torque
 brake force
 stroke
 tested tyre radius
 tested lever length
 threshold torque (Co,e)

02.03.2017
 WABCO 230
 Ce in Nm 638
 TeIII in dan 4649
 seIII in mm 48
 Re in mm 520
 le in mm 69
 in Nm 5

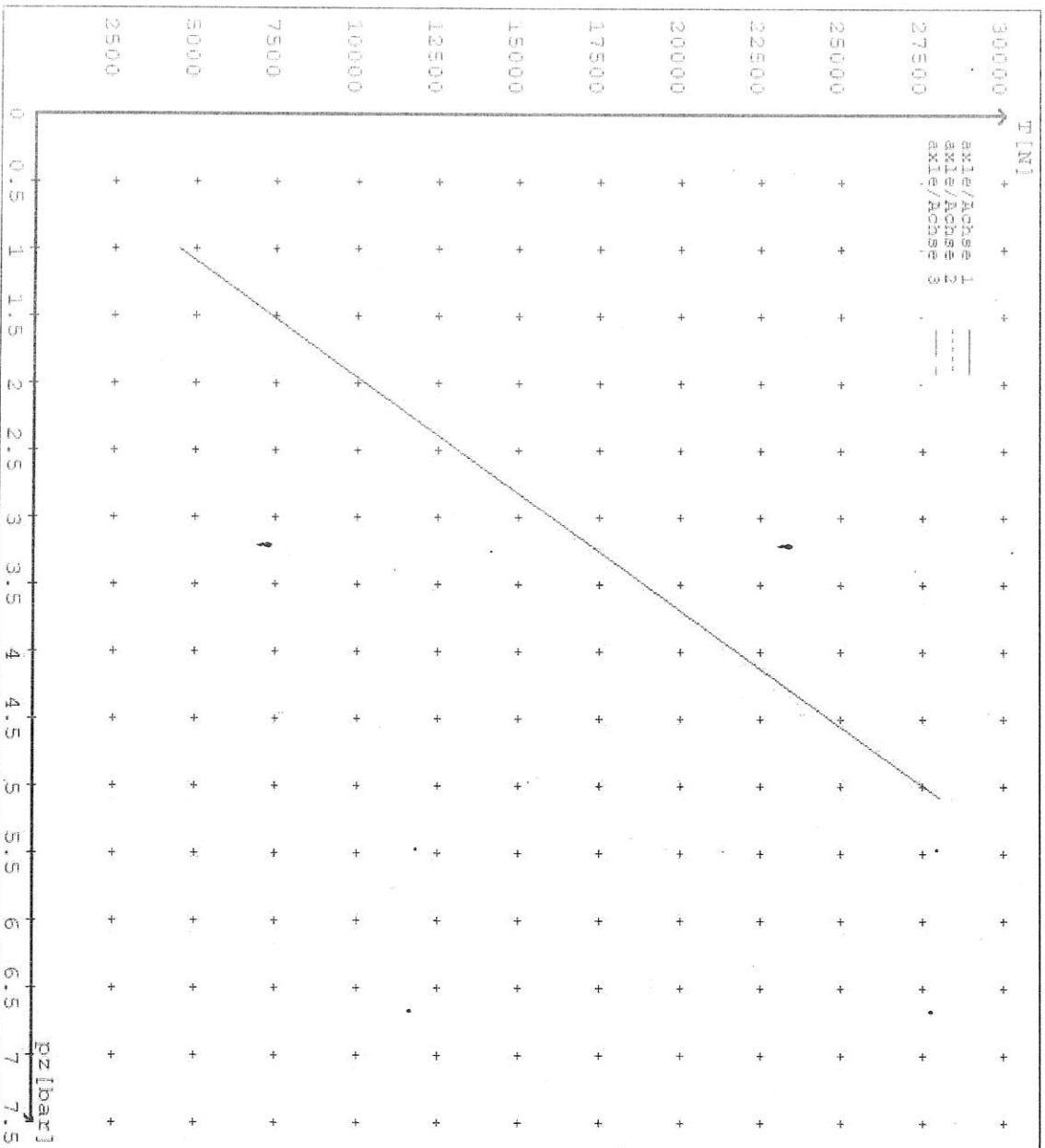
reference values

reference values for z = 45% for max rdyn: 421 mm

	pz [bar]	T [N]	T [N]
axle 1	1.0	4434	28028
	5.1		
axle 2	1.0	4434	28028
	5.1		
axle 3	1.0	4434	28028
	5.1		

VIN - no.:

		Axle(s) / Achse(n)		
Brake cylinder type (service / parking)		T.14/24	T.14/24	14. /
Bremszylinder Typ (Betrieb / Fest)				/
Maximum stroke smax = ...mm	64	64	64	
maximaler Hub smax = ...mm				
Lever length = ...mm	69.08	69.08	69.08	
Hebellänge = ...mm				





NOTICE TO VEHICLE OPERATOR

THIS VEHICLE HAS A BRAKE SYSTEM WHICH HAS BEEN DESIGNED AND FITTED IN ACCORDANCE WITH THE LAND TRANSPORT HEAVY VEHICLE BRAKE RULE 32015/5.

IF THIS VEHICLE IS OPERATED IN CONJUNCTION WITH NON-CERTIFIED VEHICLES, THERE MAY BE OPERATIONAL FACTORS WHICH NEED TO BE TAKEN INTO CONSIDERATION.

PLEASE REFER TO THE CERTIFIER FOR FURTHER INFORMATION.

EXCERPT FROM LAND TRANSPORT RULE; HEAVY-VEHICLE BRAKES RULE 32015/5. SECTION 10,

10.1 RESPONSIBILITIES OF OPERATORS

A person who operates a vehicle must ensure that the vehicle complies with this rule.

10.2 RESPONSIBILITIES OF REPAIRERS

A person who repairs or adjusts a brake must ensure that the repair or adjustment:

- a) does not prevent the vehicle from complying with this rule;
- b) complies with Land Transport Rule: Vehicle Repair 1998.

10.3 RESPONSIBILITIES OF MODIFIERS

A person who modifies a vehicle so as to affect the braking performance of the vehicle must:

- a) ensure that the modification does not prevent the vehicle from complying with this Rule; and
- b) notify the operator that the vehicle must be inspected and, if necessary, certified by person or organisation appointed to carry out specialist inspection and certification of heavy vehicle brakes.

IF YOU ARE UNSURE ABOUT YOUR RESPONSIBILITIES, PLEASE CONTACT THE VEHICLE MANUFACTURER, OR MYSELF.

COMPLAINTS. Complaints and Warranty issues which relate to Brake Certification will be acknowledged within 7 working days and a resolution proposed within 25 working days. Resolution of complaints and Warranty issues is subject to Transpecs Warranty policy. Customers have the right to appeal to the New Zealand Transport Authority if dissatisfied with a Compliance issue. (Refer NZTA Deed Of Appointment Para 4.7.4) NZTA Helpdesk 0800 699 000

(J.Hirst (JEH) HVEK)



NOTICE TO VEHICLE OPERATOR

This trailer is equipped with an Electronic Brake System.

To comply with the New Zealand Heavy Vehicle Brake Rule 32015/5, it must be used only in conjunction with a truck/tractor equipped with a 5 or 7 pin ABS/EBS power supply socket.

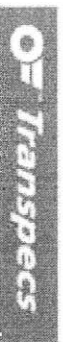
Failure to connect to such supply invalidates Brake Rule compliance.

The trailer ABS/EBS warning light on the towing vehicle dashboard must illuminate when the ignition is switched on and extinguish when the vehicle is in motion.

If the light does not illuminate when ignition is switched on, the system must be checked. If the light remains illuminated when the vehicle is in motion, Brake Rule compliance is compromised. Repairs must be made as soon as possible.

If you are unsure of your responsibilities and/or obligations, please contact either the vehicle manufacturer or myself.

J E Hirst
(JEH HVEK)
(09 980 7300)



NOTICE TO VEHICLE OPERATOR

WABCO Park Release Emergency Valve (PREV)

This trailer is equipped with a WABCO PREV

Part # 971 002 900 0

Application of the park brake via the cab control valve will actuate and apply all service brakes on the trailer. In the event of a leak in the service brake system the Spring Brakes will automatically override and hold the vehicle in compliance to Land Transport Rule: Heavy-vehicle Brakes Rule 32015/5.

When the vehicle is presented for COF the trailer park brake system is tested by pulling the red actuation knob on the PREV, situated mid way down the chassis rail. The cab control in the prime mover does not have to be applied for this test procedure.

If you are unsure of any aspect relating to this instruction please contact either the vehicle manufacturer or myself.

J E Hirst
(JEH HVEK)
(09 980 7300)



**NEW ZEALAND HEAVY VEHICLE BRAKE RULE 32015-5
WORKSHEET, PROCEDURE DOCUMENTATION SHEET
& CONFIRMATION OF COMPLIANCE**

CLIENT

MANUFACTURER: DOMETT TRAILERS
ADDRESS: TAURIKURA DRIVE, TAURANGA 3110
FLEET: SINGH CARRIERS

VEHICLE DETAILS

VEHICLE TYPE: 3ASBTR CURTAINSIDE **CERT #:** JH220617
YEAR: 2022 **CALCULATION #:** TP52490
MAKE: DOMETT **REGO #:** N/A
MODEL: C2002 BPH **LT400 #:** 830402
CHASSIS #: 2209 **ORDER #:** 8994
VIN #: 7A9C2002XN2023209

GVM: 28 **PRIME MOVER:** EBS / EUROPEAN

LOAD CONFIGURATION: MIXED FREIGHT

GROUP RATINGS: **FRONT** 9 **REAR** 19

WHEEL BASE: 6.24

UNLADEN COG <i>m</i>	0.85	MAX HEIGHT <i>m</i>	4.3	HEIGHT DECK <i>m</i>	1.2
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COG: 2.097

TARE: <i>t</i>	1.2	FRONT	REAR	TOTAL
		1.2	4.1	5.3

TYRE SIZE: 265 70 R19.5

ROLLING CIRCUMFERENCE: 2645 *mm*

AXLE SPACING: 3 *m*

BRAKE & AXLE DETAILS

	MAKE	MODEL	TEST REPORT
AXLE:	HENDRICKSON	HND-PAN 19 DISC	ATPRO185
STEER AXLE[S]:	NO	POLE WHEEL:	100
LINING MATERIAL:	WABCO 230	BRAKE FACTOR:	23.49
SENSED AXLES:	# 2	NOTES:	
SERIAL NUMBERS:	1	N/A	AAANL23K
	2	N/A	AAANL23K
	3	N/A	AAANL23K
	4	N/A	N/A

CHAMBER AND VALVING DETAILS

	AXLE 1 & 2	AXLE 3	
CHAMBERS:	TSE_CHAMBERS	TSE_CHAMBERS	
BRAND:	1416HTLD	14HSCLD	
SIZE:	64	64	
STROKE: mm	BC0143.0	BZ 122.1 Sep '00	
TEST REPORT #:	6.16	N/A	
SPRINGBRAKE FORCE: kN	4.8	N/A	
HOLDOFF PRESSURE: Bar	WABCO PAN19	WABCO PAN19	
FOUNDATION BRAKE:	69	69	
LEVER LENGTH: mm	MAKE:	PART NUMBER:	PM PRESS: kPa
BRAKE VALVES:	WABCO	480 102 08. 0 (MV)	80 kPa
ECU PART #:	N/A	N/A	N/A
3RD MODULATOR #:	YES		
ANTI-COMPOUNDING:	WABCO_PREV	971 002 900 0	
SPRING BRAKE RELAY:	WABCO-PREV	971 002 900 0	
YARD RELEASE VALVE:	N/A	N/A	
INLINE RELAY FITTED:	<input checked="" type="checkbox"/> FRONT	<input type="checkbox"/> REAR	
ECU DIRECTION:	<input type="checkbox"/> SMARTBOARD	<input type="checkbox"/> OPTI-LINK	<input type="checkbox"/> CAN ROUTER 446 122 050 0
SUBSYSTEMS:	<input type="checkbox"/> ELEX 446 122 070 0	<input type="checkbox"/> TAILGUARD	

SUSPENSION

SUSPENSION TYPE:	REAR PNEUMATIC
MAKE:	HENDRICKSON_AIR
MODEL:	HENDRICKSON_INTRAX
BELLOW SIZE:	ZMID SHOCKLESS
HEIGHT CONTROL VALVE:	HALDEX 90554950
OTHER VALVES:	N/A
RIDE HEIGHT mm:	305
HANGER HEIGHT mm:	254
PEDESTAL HEIGHT mm:	90
LIFTAXLE:	N/A
DUMP SWITCH:	N/A
LIFTAXLE VALVE:	N/A

AIR TANKS

AIR TANKS STANDARD:	SAE J10A / EN286-2
BRAKE TANK SIZE: L	46 + 25
AUXILIARY TANK SIZE: L	46
PRESSURE PROTECTION:	WABCO PEM: 461 513 002 0

AIR LINES

TEST POINTS:	
CONTROL LINE:	X 1
FIXED AXLE CHAMBERS:	X 2
STEER AXLE CHAMBERS:	N/A
DUOMATIC COLOUR CODED:	YES
TANK:	X 1

ELECTRONIC HEIGHT SENSOR CALIBRATION

	TIMER TICKS [F/R]	MILLIMETRE mm [F / R]
UPPER LEVEL:	N/A	N/A
NORMAL LEVEL:	N/A	N/A
LOWER LEVEL:	N/A	N/A

CHECKS AT COMMISSION OF VEHICLE

CHAMBER BUNGS REMOVED:	<input checked="" type="checkbox"/>	VALVE MOUNTING:	<input checked="" type="checkbox"/>
ECU BLANKING PLUGS CHECKED:	<input checked="" type="checkbox"/>	DUOMATIC DRILLED:	<input checked="" type="checkbox"/>
RESPONSE TIME:	MODULATOR 2.1	MODULATOR 2.2	RELAY VALVE
ms:	210	220	N/A

NOTES AND SPECIAL CONDITIONS

FILES RECEIVED: 25.2.22

FINALISE PAPERWORK & SEND TO CJC: 13.06.2022

REASON FOR CERTIFICATION: NEW TRAILER BUILD

I UNDERSTAND AND DECLARE THAT I AM THE CERTIFIER IDENTIFIED BELOW AND HOLD A CURRENT VALID APPOINTMENT. I CERTIFY THAT AT THE TIME OF INSPECTION THE ABOVE MENTIONED VEHICLE COMPONENT DESIGN AND THIS CERTIFICATION COMPLIES IN ALL RESPECTS WITH THE LAND TRANSPORT RULE VEHICLE STANDARDS COMPLIANCE 2002 AND MY DEED OF APPOINTMENT. TO THE BEST OF MY KNOWLEDGE THE INFORMATION CONTAINED IN THIS CERTIFICATE IS TRUE AND CORRECT.

NEW ZEALAND HEAVY VEHICLE BRAKE RULE 32015/5, SCHEDULE 5.

DATE: 05/07/2022

SIGNED:

CERTIFIER NAME & ID:

CHRIS CLARKE

CJC

SODC BY:

JOHN HIRST

JEH

PHONE (BUS):

09-980-7300

FAX:

POSTAL ADDRESS:

P.O. Box 98-971, Manukau 2241
New Zealand