

Heavy vehicle specialist certificate

Must be presented to a CoF (heavy) inspecting organisation if not entered into LANDATA

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name (PRINT IN CAPS)

CHRIS CLARKE

ID

CJC

Plate number (optional)

VIN/chassis number

7A9C20037N2023208

Make

DOMETT

Component being certified:

Chassis

Load anchorage

Model (optional)

C2003 PH

Log bolsters

Towing connection

Brakes

Certification category

HVEK

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.
 3ASBTF 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

LTR 32015/5

Component load rating(s)

33 Tonnes GVM

General drawing number(s)
 N/A

19 Tonnes (Rear brake mass)

Supporting documents

BRAKE RULE CERTIFICATE

JH220616

BRAKE CALCULATION #

TP52489

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)

N/A [UNLESS MODIFIED]

OR

Hubodometer reading (whichever comes first)

Declaration

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.

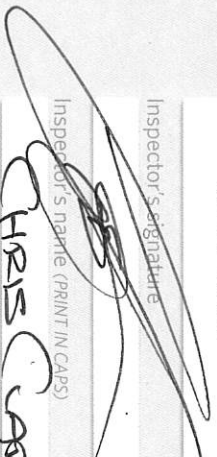
Designer's ID (if different from inspector below)

JOHN HIRST

JEH

Inspector's signature

Inspector's name (PRINT IN CAPS)



ID number

CHRIS CLARKE **CJC**

Date

08.07.2024

Number

830407

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	897041536000E
Serial number (modulator)	000000551583		
Fingerprint Customer EOL / Customer Development / Flash Program	W503643 / 2022-07-08 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00		

WABCO

TRAILER EBS-E

GGV/SADR TUEH TB 2007 - 019.00
ATPR0185

HERSTELLER MANUFACTURER CONSTRUCTEUR	DOMETT TRAILERS		
TYPE	3ASBTF CURTAINSIDE		
VEHICLE IDENT. NUMBER NUMERO DE CHASSIS	7A9C20037N2023208		
BREMSEBERECHNUNGS-AIR CALCULO DE FRENADO NO. RÉGLAGE DE LA PNEUMATIQUE	TP522489S		
POLE WHEEL, VEHTH c-d l e f DENTS ROUE DENTEE c-d l e f	100	--- ABS-System ABS-System Systeme ABS	2S/2M
Einzelachsbremung Single Tire Monte simple		Leuchtachse Steuerung axle Essieu avant	
Zwillingsbremse Twin Tire Monte jumelle	X	Kippkreislauf Critical Trailer Verdriche critique	
Subsystems	I/O	24N	

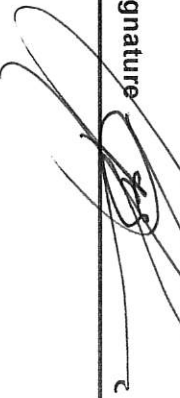
GIO	Pin1	Pin3	Pin4
1	---	---	---
2	---	---	---
3	---	---	---
4	---	---	---
5	DIAG	DIAG	DIAG
6	---	---	---
7	---	---	---

NOMÉ FILE ESSIEU	BAR				pz	TYP TYPE	(mm)	(mm)	(bar)					
	pm	pm	pm	pm					1.0	Pz				
1	1450	0.5	2.0	6350	3.5	0.3	1.3	5.1	-	14 / 16	64	69	443	2802
2	1450	0.5	2.0	6350	3.5	0.3	1.3	5.1	-	14 / 16	64	69	443	2802
3	1450	0.5	2.0	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.	7A9C20037N2023208
Vehicle type	3ASBTF CURTAINSIDE	Odometer reading	0.0 km
Next service	0 km	Trip reading	0.0 km
Tester	Chris Clarke	Signature 	
Date	2022-07-08 12:15:11 pm		

trailer (full, semi-, centre-axle) with air brake system acc. to UN/ECE-R.13.11

distribution: DOMETT TRAILLERS
 7A9C20037N2023208
 SODC: JH220616
 LT400: CJC 830406

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 our 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 9.0).
 In any case we commend to do a braking harmonisation!
 WABCOBrake V6.18.07.12 db 31.08.2018

vehicle manufacturer: DOMETT TRAILLERS
 trailer model : 3ASBTF CURTAINSIDE
 trailer type : 3-axle-semi-trailer
 remarks : air / hydraulic / VA suspension
 WABCO TRAILER - EBS E
 TRISTOP 1+2: T.14/24 [TSE1416HTTD 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	6000 - 7000	33000 - 35000
king-pin	PS kg	1650 - 2650	13950 - 15950
axle 1	P1 in kg	1450	6350
axle 2	P2 in kg	1450	6350
axle 3	P3 in kg	1450	6350
total axle mass	PR in kg	4350	19050
wheel base	E in mm	6900 - 7000	2032
centre of gravity height	h in mm	912	0.9982
K-factor	Kv min	1.9772	Kc min
K-factor	Kv max	1.9930	Kc max

no. of combined axles
 no. of brake chambers per axle line KDZ
 The power output corresponds to
 brake chamber manufacturer
 chamber size
 lever length
 brake factor
 dyn. rolling radius
 dyn. rolling radius
 threshold torque

	axle 1	axle 2	axle 3
manually	1	1	1
manually	2	2	2
Meritor	BZ 119.6	BZ 119.6	BZ 122.1
Meritor	T.14/24	T.14/24	14.
LBh in mm	69	69	69
[-]	23.49	23.49	23.49
rdyn min in mm	421	421	421
rdyn max in mm	421	421	421
Co Nm	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
 piston force
 ThA at pm6,5bar
 brake force(rdyn min)T lad. at pm6,5bar
 brake force(rdyn max)T lad. at pm6,5bar
 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)/PRmax 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

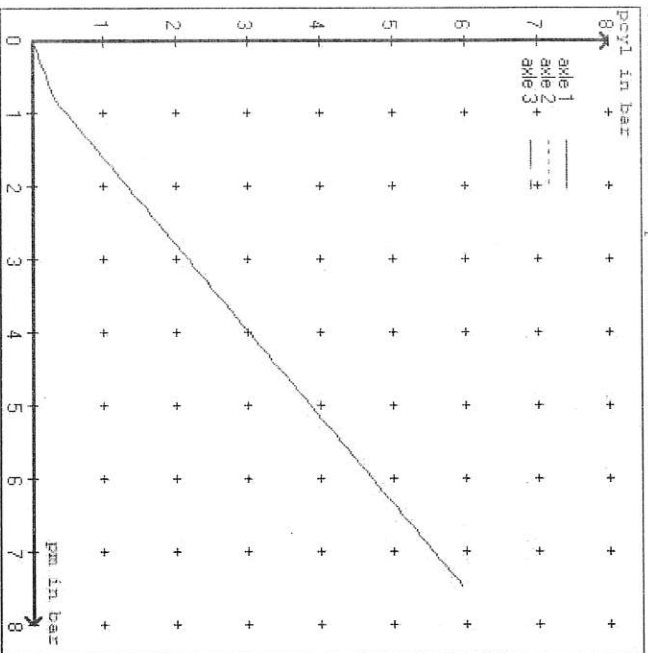
axle 1:
valve 1: 971 002 ... 0 WABCO
EBS emergency valve
valve 2: 480 102 ... 0 WABCO
EBS trailer modulator
brake cylinder: Meritor 1424HTLD64

axle 2:
valve 1: 971 002 ... 0 WABCO
EBS emergency valve
valve 2: 480 102 ... 0 WABCO
EBS trailer modulator
brake cylinder: Meritor 1424HTLD64

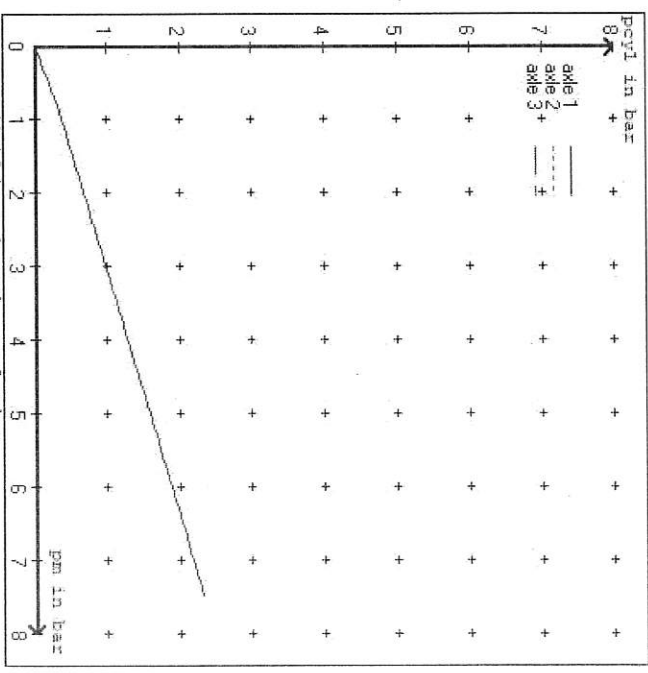
axle 3:
valve 1: 971 002 ... 0 WABCO
EBS emergency valve
valve 2: 480 102 ... 0 () WABCO
EBS trailer modulator
brake cylinder: Meritor 14HSCLD64

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

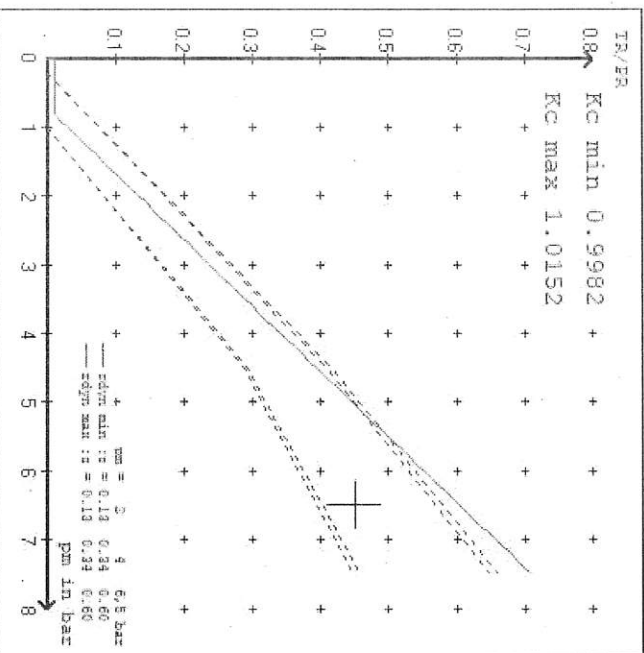
brake chamber pressure laden



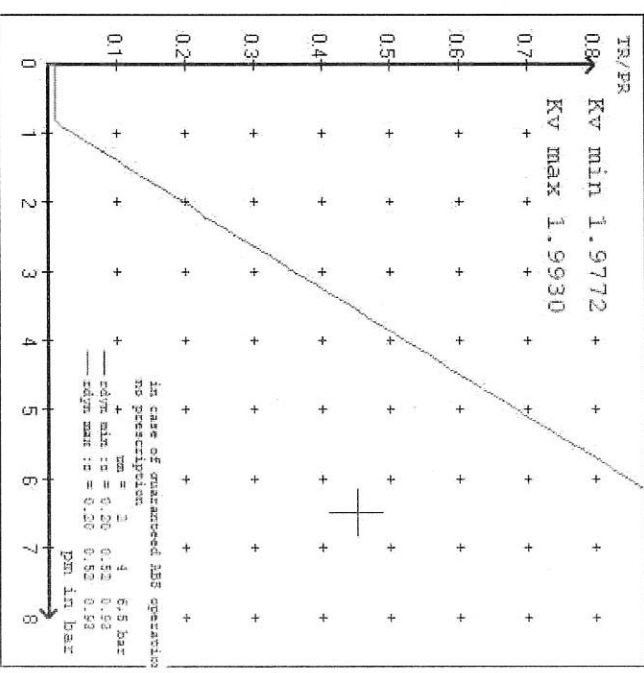
brake chamber pressure unladen



compatibility band laden



compatibility band unladen



vehicle manufacturer: DOMETT TRAILERS
 trailer model : 3ASBTF 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 : 3ASBTF CURTAINSIDE
 trailer type : 3-axle-semi-trailer
 brake calculation no. : TP 52489S

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	brake pr. laden		
1	1450	to be	2.0	6350	to be	0.3	1.3	5.1
2	1450	entered by	2.0	6350	entered by	0.3	1.3	5.1
3	1450	the vehicle	2.0	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	pcy1	axle load	pcy1	axle load	pcy1
1450	2.0	1450	2.0	1450	2.0
1950	2.3	1950	2.3	1950	2.3
2450	2.6	2450	2.6	2450	2.6
2950	2.9	2950	2.9	2950	2.9
3450	3.3	3450	3.3	3450	3.3
3950	3.6	3950	3.6	3950	3.6
4450	3.9	4450	3.9	4450	3.9
4950	4.2	4950	4.2	4950	4.2
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	brake lining: WABCO 230
test report : ATPR0185	date : 02.03.2017
axle 2 : reference axle: HENDRICKSONAANL230	brake lining: WABCO 230
test report : ATPR0185	date : 02.03.2017
axle 3 : reference axle: HENDRICKSONAANL230	brake lining: WABCO 230
test report : ATPR0185	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

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

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

0.60

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

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

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

0.60

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

	axle 1	axle 2
no of TRISTOP-actuators per axle	2	2
TRISTOP-actuator type	T.14/16	T.14/16
Lever length	69	69
stat. tyre radius	401	401
at a stroke of	s	in mm
min. force of spring brake	TFZ in N	30
sp.brake chamber no Meritor.....	4	6160
release pressure	plus in bar	4
	4.8	4.8

calculation:

```

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

Test of the frictional connection required by the parking brake

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

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

```

min Ef = 5298 mm for E = 6900 mm
=====
min Ef = 5367 mm for E = 7000 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 = 2032 mm height of center of gravity - laden
PR = 19050 kg maximum bogie mass - laden
P = 35000 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
 TelIII in daN 4649
 selIII in mm 48
 Re in mm 520
 le in mm 69
 in Nm 5

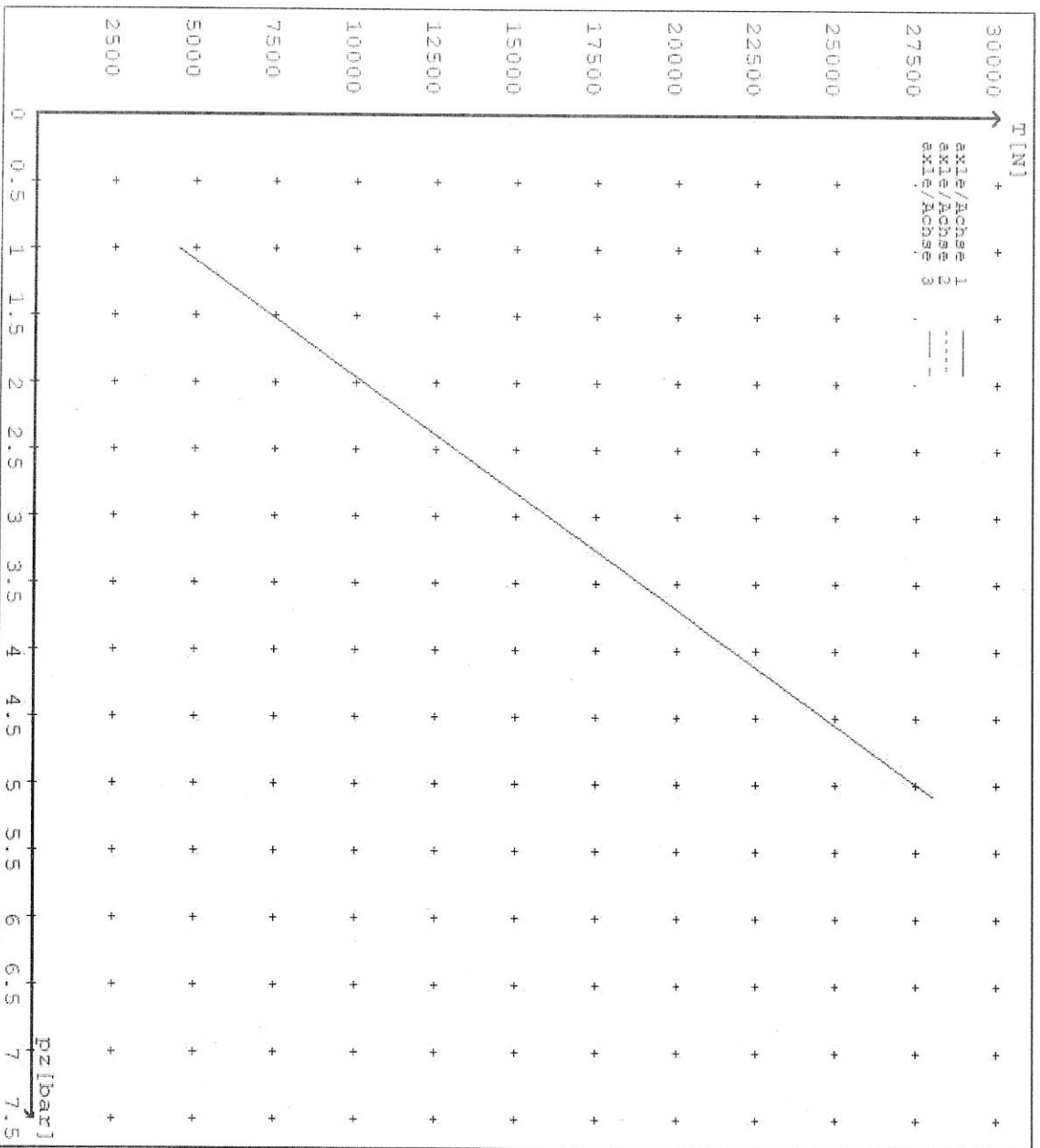
reference values

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

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

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.

EXCEPT 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 47.4) NZTA Helpdesk 0800 699 000



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.

A handwritten signature in black ink, appearing to read 'JEH HVEK'.

JE 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: 3ASBTF CURTAINSIDE **CERT #:** JH220616
YEAR: 2022 **CALCULATION #:** TP52489
MAKE: DOMETT **REGO #:** N/A
MODEL: C2003 PH **LT400 #:** 830407
CHASSIS #: 2208 **ORDER #:** 8993
VIN #: 7A9C20037N2023208

GVM: t 33 **PRIME MOVER:** EBS / EUROPEAN

LOAD CONFIGURATION: MIXED FREIGHT

GROUP RATINGS: t

	FRONT	REAR
WHEEL BASE: <i>m</i>	14	19

UNLADEN COG *m*

	FRONT	REAR	TOTAL
MAX HEIGHT <i>m</i>	0.912	4.3	1.075

COG: *m*

	FRONT	REAR	TOTAL
TARE: <i>t</i>	2.032	4.35	6.1

TYRE SIZE: 265 70 R19.5

ROLLING CIRCUMFERENCE: *mm* 2645

AXLE SPACING: *m* 3

BRAKE & AXLE DETAILS

	MAKE	MODEL	TEST REPORT
AXLE:	HENDRICKSON	HND-PAN 19 DISC	ATPR0185
STEER AXLE[S]:	NO	POLE WHEEL:	100
LINING MATERIAL:	WABCO 230	BRAKE FACTOR:	23.49
SENSED AXLES:	# 2	NOTES:	
SERIAL NUMBERS:			
	1	N/A	AANL23K
	2	N/A	AANL23K
	3	N/A	AANL23K
	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:	PMI 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:.			

ECU DIRECTION:

SUBSYSTEMS:

- FRONT REAR
 SMARTBOARD OPTI-LINK CAN ROUTER 446 122 050 0
 ELEX 446 122 070 0 TAILGUARD

SUSPENSION

SUSPENSION TYPE:		REAR	PNEUMATIC
MAKE:			HENDRICKSON_AIR
MODEL:			HENDRICKSON_INTRAX
BELLOW SIZE:			ZMD SHOCKLESS
HEIGHT CONTROL VALVE:			HALDEX 90554950
OTHER VALVES:			N/A
RIDE HEIGHT mm :			230
HANGER HEIGHT mm :			114
PEDESTAL HEIGHT mm :			60
LIFTAXLE:			N/A
DUMP SWITCH:			N/A
LIFTAXLE VALVE:			N/A

AIR TANKS

AIR TANKS STANDARD:		SAE J10A / EN286-2
		REAR
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	225	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:

08/07/2022

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