

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

CHRIS CLARKE

ID

CJC

Plate number (optional)

VIN/chassis number

7A9E20018P2023261

Make

DOMETT

Component being certified:

Chassis

Load anchorage

Model (optional)

E2001 PSH-33

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: NZ HEAVY VEHICLE BRAKE SPECIFICATION.

CARRY OUT BRAKE CALCULATIONS, INSPECTION AND ECU END OF LINE PROTOCOL.

SAFT 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

16 Tonne (Front brake mass)

19 Tonne (Rear brake mass)

Supporting documents

BRAKE RULE CERTIFICATE

JH230303

BRAKE CALCULATION #

TP52630

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

J E H

Inspector's signature

Inspector's name (PRINT IN CAPS)

CHRIS CLARKE

ID number

CJC

Date

06.04.2025

Number

864511

CoF vehicle inspector ID (if applicable)

CoF vehicle inspector signature (if applicable)

Date

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

distribution: DOMETT TRAILERS

7A9E20018P2023261

SODC: JH230303

LT400: CJC 864511

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 TRAILERS

trailer model : SAFT CURTAINSIDE

trailer type : 5-axle-full-trailer

remarks : air / hydraulic / VA suspension

WABCO TRAILER - EBS E

TRISTOP 3+4: T.14/24 [OUTPUT FORCE @ 30 mm = 6160 N]

265/70 R 19,5

axle 1 + 2 + 3 + 4 + 5 : HENDRICKSON, SBW 1937, ATPR0185,

		<u>unladen</u>					<u>laden</u>
total mass	P	in	kg				35050
axle 1	P1	in	kg	6850			8000
axle 2	P2	in	kg	1550			8000
axle 3	P3	in	kg	1550			6350
axle 4	P4	in	kg	1250			6350
axle 5	P5	in	kg	1250			6350
wheel base	E	in	mm	7780	-	7880	
centre of gravity height	h	in	mm	1060			2100

	no. of combined axles				
	axle 1	axle 2	axle 3	axle 4	axle 5
no. of brake chambers per axle line	1	1	1	1	1
The power output corresponds to	2	2	2	2	2
brake chamber manufacturer	BZ 122.1	BZ 122.1	BZ 119.6	BZ 119.6	BZ 122.1
chamber size	Meritor	Meritor	Meritor	Meritor	Meritor
Lever length	20.	20.	T.14/24	T.14/24	14.
brake factor	69	69	69	69	69
dyn. rolling radius	23.49	23.49	23.49	23.49	23.49
threshold torque	421	421	421	421	421
	421	421	421	421	421
	6.0	6.0	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	5.8	5.8	2.1
piston force	ThA	at pm6,5bar	N	6702	6702	4.7
brake force(rdyn min)	T lad.	at pm6,5bar	N	51776	51776	4.7
brake force(rdyn max)	T lad.	at pm6,5bar	N	51776	51776	4.7
Brake force incl. 1 % rolling resistance			N	51776	51776	4.7
proportion		%		22.3	22.3	2.1

braking rate z laden 0.602 for rdyn min
 z = sum (TR)/PRmax 0.602 for rdyn max

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

brake diagram :

maximum pressure: 8.5 bar

axle 1:

valve 1: 971 002 ... 0	WABCO	
EBS emergency valve		
valve 2: 480 207 0.. 0	WABCO	or 480 207 2.. 0
EBS relay valve		

brake cylinder: Meritor 20HSCID65

axle 2:

valve 1: 971 002 ... 0	WABCO	
EBS emergency valve		
valve 2: 480 207 0.. 0	WABCO	or 480 207 2.. 0
EBS relay valve		

brake cylinder: Meritor 20HSCID65

axle 3:

valve 1: 971 002 ... 0	WABCO	
EBS emergency valve		
valve 2: 480 102 ... 0	WABCO	
EBS trailer modulator		

brake cylinder: Meritor 1424HTTD64

axle 4:

valve 1: 971 002 ... 0 WABCO
 EBS emergency valve

valve 2: 480 102 ... 0 WABCO
 EBS trailer modulator

brake cylinder: Meritor 1424HTLD64

axle 5:

valve 1: 971 002 ... 0 WABCO
 EBS emergency valve

valve 2: 480 102 ... 0 WABCO
 EBS trailer modulator

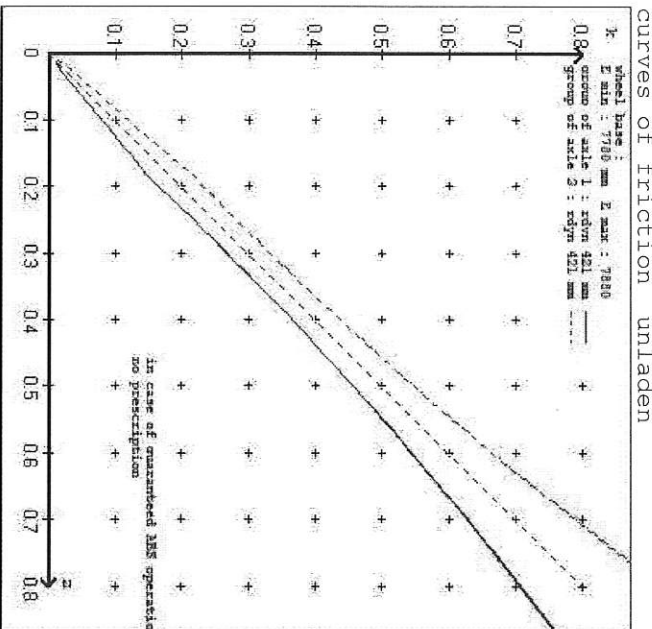
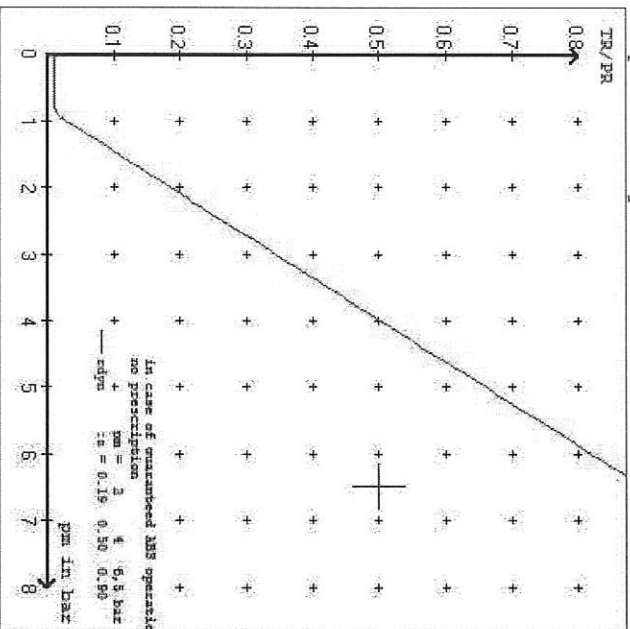
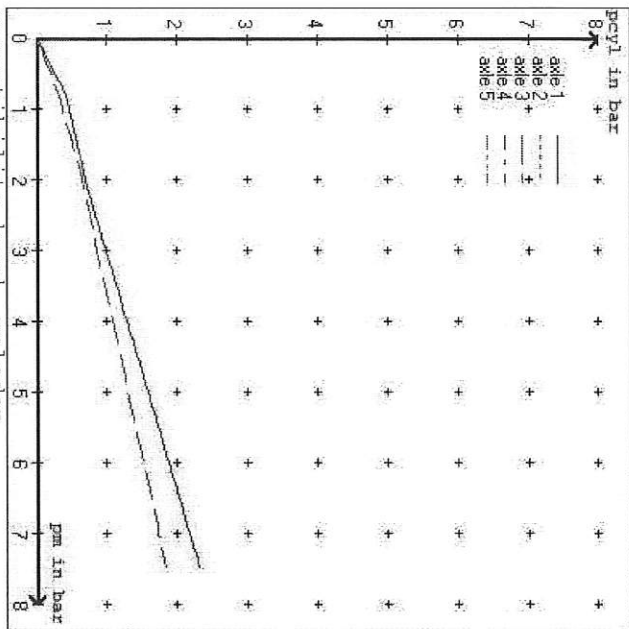
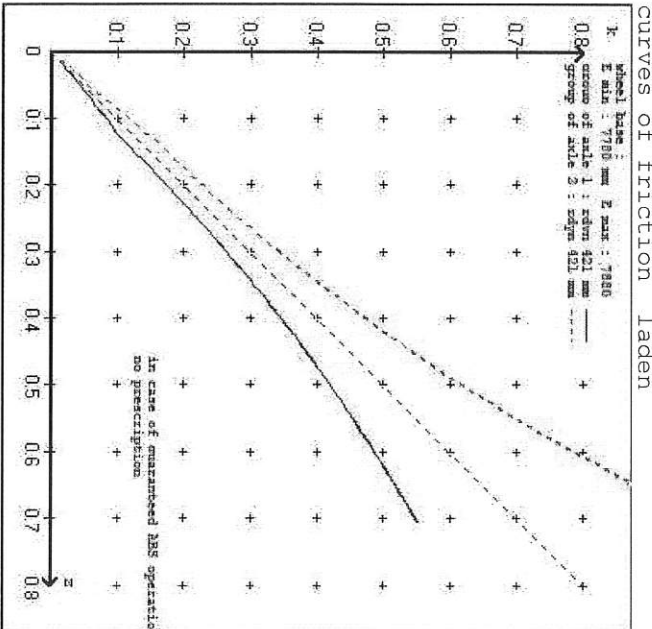
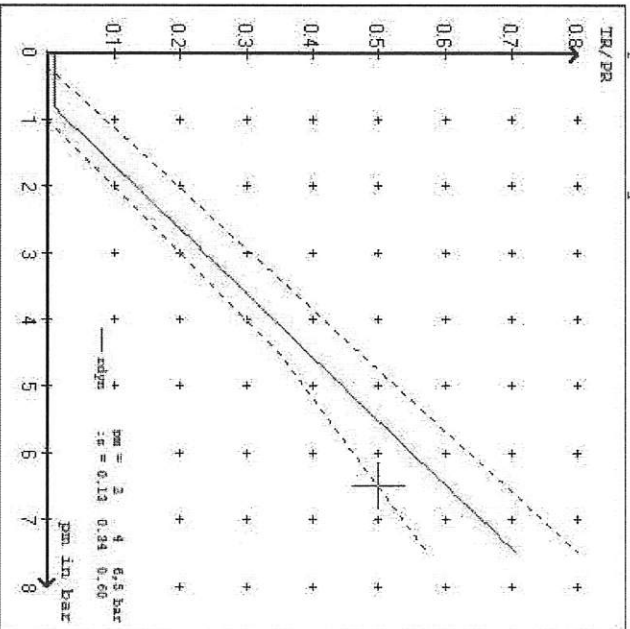
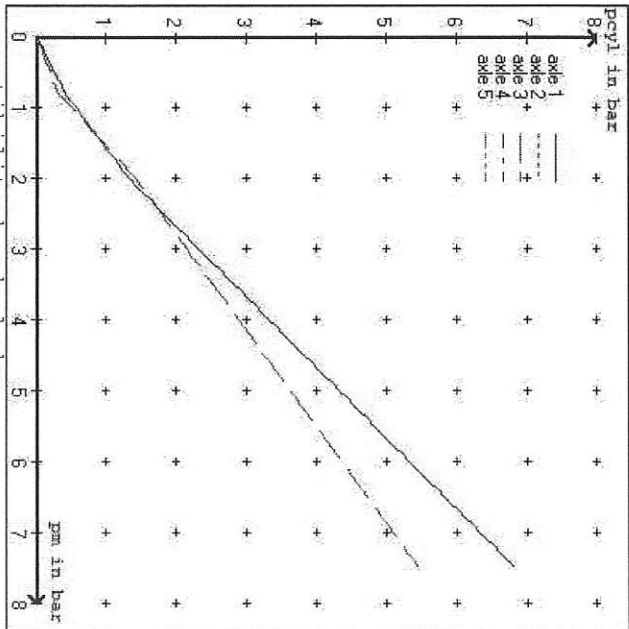
brake cylinder: Meritor 14HSCLD64

test type III (zIII = 0.30) for rdyn min : axle1 axle2 axle3 axle4 axle5

at pm 3.6 bar => pcha in bar : 2.9 2.9 2.6 2.6 2.6

test type III (zIII = 0.06) for rdyn min : axle1 axle2 axle3 axle4 axle5

at pm 1.3 bar => pcha in bar : 0.8 0.8 0.8 0.8 0.8



vehicle manufacturer: DOMETT TRAILERS
 trailer model : SAFT CURTAINSIDE
 trailer type : 5-axle-full-trailer

brake chamber and lever length :

axle 1 : 2 x type/diameter 20. (Meritor) Lever length 69 mm
 axle 2 : 2 x type/diameter 20. (Meritor) Lever length 69 mm
 axle 3 : 2 x type/diameter T.14/24 (Meritor) Lever length 69 mm
 axle 4 : 2 x type/diameter T.14/24 (Meritor) Lever length 69 mm
 axle 5 : 2 x type/diameter 14. (Meritor) Lever length 69 mm

brake diagram :

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

EBS input data

=====

vehicle manufacturer: DOMETT TRAILERS
 trailer model : SAFT CURTAINSIDE
 trailer type : 5-axle-full-trailer
 brake calculation no. : TP 52630A

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	bellow pr. laden		
1	1550	to be	2.0	8000	to be	0.4	1.3	5.8
2	1550	entered by	2.0	8000	entered by	0.4	1.3	5.8
3	1250	the vehicle	1.6	6350	the vehicle	0.3	1.4	4.7
4	1250	manufact.	1.6	6350	manufact.	0.3	1.4	4.7
5	1250	manufact.	1.6	6350	manufact.	0.3	1.4	4.7

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 4	axle 5
axle load	axle load	axle load	axle load	axle load
pcyl	pcyl	pcyl	pcyl	pcyl
1550	1550	1250	1250	1250
2050	2050	1750	1750	1750
2550	2550	2250	2250	2250
3050	3050	2750	2750	2750
3550	3550	3250	3250	3250
4050	4050	3750	3750	3750
4550	4550	4250	4250	4250
5050	5050	4750	4750	4750
8000	8000	6350	6350	6350

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

axle 1 : reference axle: HENDRICKSONSBW 1937	test report : ATPR0185	brake lining: WABCO 230	date : 02.03.2017
axle 2 : reference axle: HENDRICKSONSBW 1937	test report : ATPR0185	brake lining: WABCO 230	date : 02.03.2017
axle 3 : reference axle: HENDRICKSONSBW 1937	test report : ATPR0185	brake lining: WABCO 230	date : 02.03.2017
axle 4 : reference axle: HENDRICKSONSBW 1937	test report : ATPR0185	brake lining: WABCO 230	date : 02.03.2017
axle 5 : reference axle: HENDRICKSONSBW 1937	test report : ATPR0185	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 = 24.3 % Fe
axle 2	(rdyn 421 mm)	T = 24.3 % Fe
axle 3	(rdyn 421 mm)	T = 18.2 % Fe
axle 4	(rdyn 421 mm)	T = 18.2 % Fe
axle 5	(rdyn 421 mm)	T = 18.2 % Fe

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

axle 1	(sp = 58 mm)	s = 48 mm
axle 2	(sp = 58 mm)	s = 48 mm
axle 3	(sp = 56 mm)	s = 48 mm
axle 4	(sp = 56 mm)	s = 48 mm
axle 5	(sp = 56 mm)	s = 48 mm

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

axle1	ThA = 6702 N
axle2	ThA = 6702 N
axle3	ThA = 4485 N
axle4	ThA = 4485 N
axle5	ThA = 4485 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 = 41406 N
axle 2	(rdyn 421 mm)	T = 41406 N
axle 3	(rdyn 421 mm)	T = 27637 N
axle 4	(rdyn 421 mm)	T = 27637 N
axle 5	(rdyn 421 mm)	T = 27637 N

basic test type III
of subject (calculated)
trailer (E) residual
(hot)braking
0.60 0.48

required braking rate
(item 4.3.2 to appendix 2 to annex 11)
>= 0,4 and
>= 0,6*E (0.36)

axle 1	(rdyn 421 mm)	T = 41406 N
axle 2	(rdyn 421 mm)	T = 41406 N
axle 3	(rdyn 421 mm)	T = 27637 N
axle 4	(rdyn 421 mm)	T = 27637 N
axle 5	(rdyn 421 mm)	T = 27637 N

basic test type III
of subject (calculated)
trailer (E) residual
(hot)braking
0.60 0.48

required braking rate
(item 4.3.2 to appendix 2 to annex 11)
>= 0,4 and
>= 0,6*E (0.36)

Spring parking brake

	axle 3	axle 4
no of TRISTOP-actuators per axle line KDZ	2	2
TRISTOP-actuator type	T.14/24	T.14/24
Lever length	69	69
stat. tyre radius	401	401
	rstat max in mm	
at a stroke of	S in mm	30
min. force of spring brake	TFZ in N	6160
sp.brake chamber no Meritor.....		4
release pressure	plus in bar	4.8
		4.8

calculation:

```

ratio until road          4.0466      4.0466
lFB = lBh*Eta*C*rBt/(rBn*rstat)
      for rstat in mm          401      401
brake force of spring br. Tf in N    49151    49151
Tf = (TFZ*KDZ-2*Co/lBh)*lFB
braking rate              zf laden          0.296
zf = sum (Tf)/P + 0,01
    
```

Test of the frictional connection required by the parking brake

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

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

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min Ef = 5931 mm for E = 7780 mm
=====
min Ef = 6000 mm for E = 7880 mm
=====
    
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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 = 35050 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 + 4 + 5
 HENDRICKSON
 SBW 1937
 SBW 1937
 ATPR0185

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
 brakefactor (SB) Bf
 brakefactor (PB) Bf
 threshold torque (Co,dec)

Pstrat 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
 Tefit in dan 4649
 setit in mm 48
 Re in mm 520
 Le in mm 69
 in Nm 5

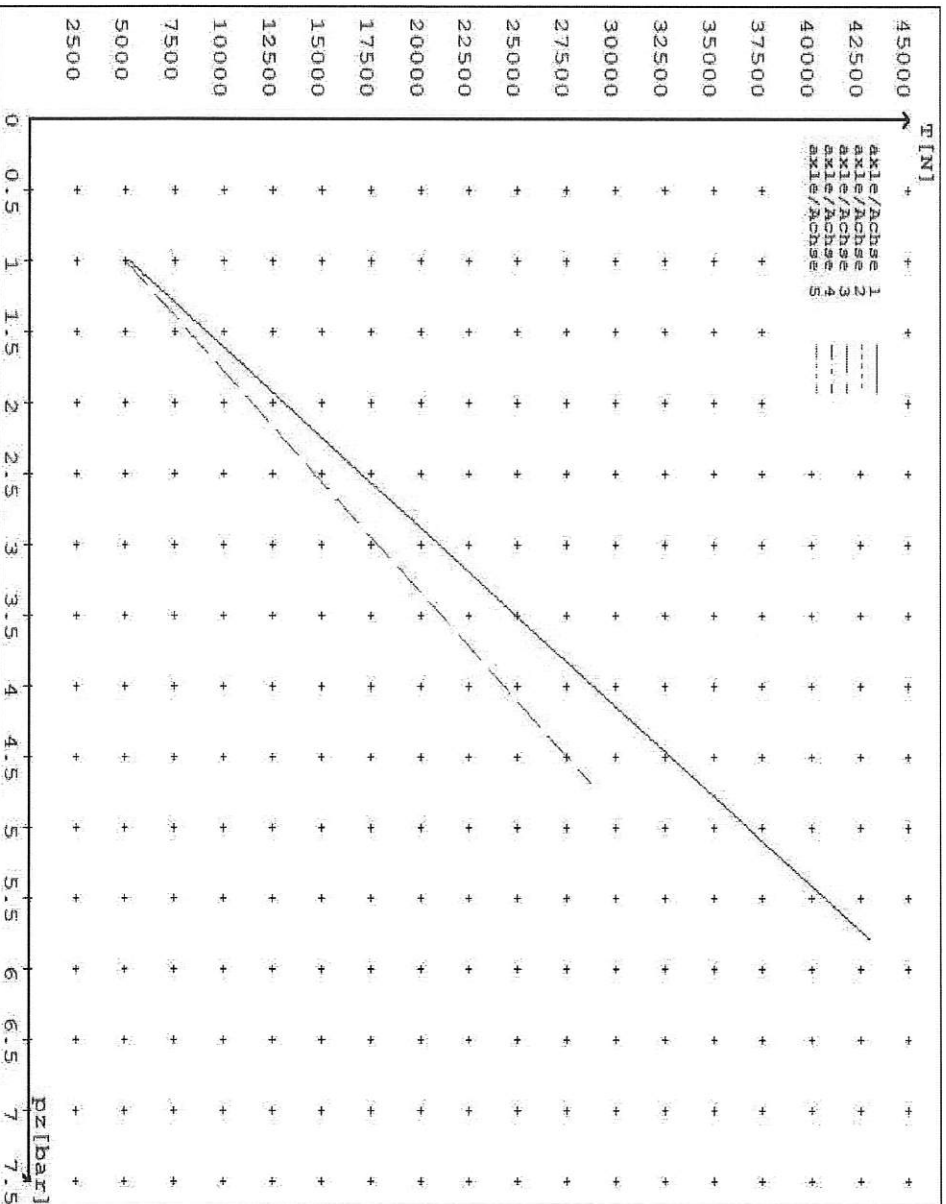
reference values

reference values for z = 50% for max rdyn: 421 mm

	pz [bar]	T [N]	T [N]
axle 1	1.0 5.8	5141 43003	
axle 2	1.0 5.8	5141 43003	
axle 3	1.0 4.7		4943 28680
axle 4	1.0 4.7		4943 28680
axle 5	1.0 4.7		4943 28680

VIN - no.:

	Axle(s) / Achse(m)			
brake cylinder type (service / parking)	20. /	20. /	T.14/24	T.14/24
Brmszylinder Typ (Betrieb / Fest)				14. /
Maximum stroke smax = ...mm	65	65	64	64
maximaler Hub smax = ...mm				64
Lever length = ...mm	69.08	69.08	69.08	69.08
Hebellänge = ...mm				69.08





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.

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.

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 Agency if dissatisfied with a Compliance issue. (Refer NZTA Notice Of Appointment Para 47.4) NZTA Helpdesk 0800 108 809



NOTICE TO VEHICLE OPERATOR

This trailer is equipped with an Electronic Brake System.

To comply with the New Zealand Heavy Vehicle Brake Rule 32015, 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 'J E Hirst', written over a light blue horizontal line.

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.

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
WORKSHEET, PROCEDURE DOCUMENTATION SHEET
& CONFIRMATION OF COMPLIANCE**

CLIENT

MANUFACTURER: DOMETT TRAILERS
ADDRESS: TAURIKURA DRIVE, TAURANGA 3110
FLEET: BOOTHS TRANSPORT

VEHICLE DETAILS

VEHICLE TYPE: SAFT CURTAINSIDE **CERT #:** JH230303
YEAR: 2023 **CALCULATION #:** TP52630
MAKE: DOMETT **REGO #:** N/A
MODEL: E2001 PSH-33 **LT400 #:** 864511
CHASSIS #: 2261 **ORDER #:** 9334

VIN #: 7A9E20018P2023261
GVMI: t 33 **PRIME MOVER:** EBS / EUROPEAN

LOAD CONFIGURATION:

MIXED FREIGHT

GROUP RATINGS: t

FRONT	REAR
16	19
7.83	

WHEEL BASE: m

7.83

UNLADEN COG m

1.06

MAX HEIGHT m

4.3

HEIGHT DECK m

1.09

COG: m

2.099

FRONT	REAR	TOTAL
3.1	3.8	6.9

TARE: t

265 70 R19.5

265 70 R19.5

ROLLING CIRCUMFERENCE: mm

2645

2645

AXLE SPACING: m

1.31

2.51

BRAKE & AXLE DETAILS

	MAKE	MODEL	TEST REPORT															
AXLE:	HENDRICKSON	HND-PAN 19 DISC	ATPRO185															
POLE WHEEL FRONT:	100	POLE WHEEL REAR:	100															
LINING MATERIAL:	WABCO 230	BRAKE FACTOR:	23.49															
SENSED AXLE(S):	NOTES:																	
SERIAL NUMBERS:	<table border="1"> <tr> <td>1</td> <td>2 + 4</td> <td>AAANL230</td> </tr> <tr> <td>2</td> <td></td> <td>AAANL230</td> </tr> <tr> <td>3</td> <td></td> <td>AAANL230</td> </tr> <tr> <td>4</td> <td></td> <td>AAANL230</td> </tr> <tr> <td>5</td> <td></td> <td>AAANL230</td> </tr> </table>			1	2 + 4	AAANL230	2		AAANL230	3		AAANL230	4		AAANL230	5		AAANL230
1	2 + 4	AAANL230																
2		AAANL230																
3		AAANL230																
4		AAANL230																
5		AAANL230																

CHAMBER AND VALVING DETAILS

	AXLE 1 & 2	AXLE 3 & 4	AXLE 5
CHAMBERS:	TSE_CHAMBERS	TSE_CHAMBERS	TSE_CHAMBERS
BRAND:	20HSCLD	1424TLD2H	14HSCLD
SIZE:	65	64	64
STROKE: <i>mm</i>	BC 0041.0 Jul '07	BC0143.0	TSE derived
TEST REPORT #:	N/A	6.16	N/A
SPRINGBRAKE FORCE: <i>kN</i>	N/A	4.8	N/A
HOLDOFF PRESSURE: <i>Bar</i>	WABCO PAN19	WABCO PAN19	WABCO PAN19
FOUNDATION BRAKE:	69	69	69
LEVER LENGTH: <i>mm</i>	MAKE:	PART NUMBER:	PMI PRESS. <i>kPa</i>
BRAKE VALVES:	WABCO	480 102 08. 0 (MV)	80 kPa
ECU PART #:	WABCO	480 207 202 0 (12V)	80 kPa
3RD MODULATOR #:	WABCO	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:	<input checked="" type="checkbox"/> FRONT	<input type="checkbox"/> REAR	FRONT FRICTION: μ 0.49
SUBSYSTEMS:	<input type="checkbox"/> SMARTBOARD	<input type="checkbox"/> OPTI-LINK	<input type="checkbox"/> CAN ROUTER 446 122 050 0
	<input type="checkbox"/> ELEX 446 122 070 0	<input type="checkbox"/> TAILGUARD	

SUSPENSION

	FRONT	REAR
SUSPENSION TYPE:	PNEUMATIC	ELECTRONIC
MAKE:	HENDRICKSON_AIR	HENDRICKSON_AIR
MODEL:	HENDRICKSON_INTRAX	HENDRICKSON_INTRAX
BELLOW SIZE:	ZMD SHOCKLESS	ZMD SHOCKLESS
HEIGHT CONTROL VALVE:	HALDEX 90554950	441 050 100 0
OTHER VALVES:	N/A	463 090 500 0 (eTASC)
RIDE HEIGHT mm :	255	255
HANGER HEIGHT mm :	203	203
PEDESTAL HEIGHT mm :	60	60
LIFTAXLE:		N/A
TIPPING DUMP SWITCH:		N/A
LIFTAXLE VALVE:		N/A
PRESSURE LIMITING:		N/A

AIR TANKS

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

AIR LINES

TEST POINTS:		
CONTROL LINE:	X 1	TANK: X 1
REAR CHAMBER:	X 2	FRONT CHAMBER: X 1
DUOMATIC COLOUR CODED:	YES	

HEAVY VEHICLE BRAKE RULE 32015 (TRAILER)

SCHEDULE 4 SCHEDULE 5 SECTION 6 APPROVED STD

CHECKS AT COMMISSIONING OF VEHICLE

CHAMBER BUNGS REMOVED: VALVE MOUNTING:

ECU BLANKING PLUGS CHECKED: RESPONSE TIME: _____ ms: _____

MODULATOR 2.1 _____ MODULATOR 2.2 _____ RELAY VALVE _____

NOTES, SKETCHES AND SPECIAL CONDITIONS

FILES RECEIVED: 19.01.2023 FILES CREATED (SODC) AND SENT TO CIC: 06.03.2023

REQUEST A COPY OF THE TARE WEIGHT DOCKET

OFF-ROAD MANOEUVRE ASSIST _____

FILES RETURNED AS COMPLETE:

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 COMPLES 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 VECHLE BRAKE RULE 32015, SCHEDULE 5.

DATE: 6/04/2023

SIGNED:

CERTIFIER NAME & ID: CHRIS CLARKE CIC

SODC BY: JOHN HIRST JEH

PHONE (BUS): 09-980-7300

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