

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 **7A9E20010N2023218**

Model (optional) **E2001 PH** Component being certified: Chassis Load anchorage

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

Description of work 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.
 5AFT CURTAINSIDE **RSS ON TYRE: 265 70 R19.5**
 FOR SYSTEM ARCHITECTURE, PLEASE REFER TO PDS WORKSHEET & SCHEMATIC.
REASON FOR CERTIFICATE: NEW TRAILER BULD

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

LTR 32015/5 32 Tonnes GVM

General drawing number(s) 16 Tonne (Front brake mass)

N/A 19 Tonne (Rear brake mass)

Supporting documents

BRAKE RULE CERTIFICATE JH220628

BRAKE CALCULATION # TP52526

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

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 **03.08.2022** Number **837662**

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	2022-05-12	Serial number	897041630600B
Serial number (modulator)	000000552408		
Fingerprint Customer EOL / Customer Development / Flash Program	W503643 / 2022-08-03 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00		

WABCO

TRAILER EBS-E

GGV/ADR TUEH TB 2007 - 019.00
TDB0749

HERSTELLER MANUFACTURER CONSTRUCTEUR	DOMETT TRAILERS			TRAILER EBS-E			GGV/ADR TUEH TB 2007 - 019.00 TDB0749											
TYPE	5AFT CURTAIN SIDE			GIO			Pin1 Pin3 Pin4											
VEHICLE IDENT NUMBER NUMERO DE CHASSIS	7A9E20010N2023218			1			---											
BREMSEREGELUNGSART TYPE DE FREINAGE	TP52526A			2			---											
RECHENART CALCUL DE FREINAGE NO.	90			3			ALS2											
POLE WHEEL TIEFH cd / eaf DENIS ROUE DEVENTE cd / eaf	90			4			---											
Einbaueinheit Boone sample	Lehrachse			5			DIAG											
Zwillingserstellung Typs Einzel- Typs Einzel-	Kippkreislauf Einzel-System Vertikal-entlastung			6			---											
Subsystems	SB	I/O	24N	7			---											
ACHSE AXLE ESSIEU		pm (bar)	6.5	pm (bar)	0.7	2.0	---	6.5		TYPE		(mm)	(mm)	TR (dan)	Pz			
		1	1550	0.7	2.0	8000	5.1	0.4	1.4	1.4	---	5.9	-	20	65	69	504	4287
		2	1550	0.7	2.0	8000	5.1	0.4	1.4	1.4	---	5.9	-	20	65	69	504	4287
		3	1300	0.5	1.7	6350	4.0	0.3	1.5	1.5	---	4.8	-	14 / 16	64	69	484	2870
		4	1300	0.5	1.7	6350	4.0	0.3	1.5	1.5	---	4.8	-	14 / 16	64	69	484	2870
5	1300	0.5	1.7	6350	4.0	0.3	1.5	1.5	---	4.8	-	14	64	69	484	2870		

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.	7A9E20010N2023218
Vehicle type	5AFT CURTAIN SIDE	Odometer reading	0.0 km
Next service	0 km	Trip reading	0.0 km
Tester	Chris Clarke	Signature	
Date	2022-08-03 3:40:00 pm		

distribution: DOMETT TRAILERS
 7A9E20010N2023218
 SODC: JH220628
 LT400: CJC 337662

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 CURTAIN SIDE
 trailer type : 5-axle-full-trailer
 remarks : air / hydraulic / VA suspension
 WABCO TRAILER - EBS E
 TRISTOP 3+4: T.14/24 [TSE1416HTLD64 ACTUALLY FITTED -
 SEE PAGE 7 FOR PERFORMANCE DATA]
 265/70 R 19,5

axle 1 + 2 + 3 + 4 + 5 : SAF, SBW 1937, TDB 0749 ECE,

		unladen	laden
total mass	P in kg	7000	35050
axle 1	P1 in kg	1550	8000
axle 2	P2 in kg	1550	8000
axle 3	P3 in kg	1300	6350
axle 4	P4 in kg	1300	6350
axle 5	P5 in kg	1300	6350
wheel base	E in mm	7450	7550
centre of gravity height	h in mm	1016	2100

	axle 1	axle 2	axle 3	axle 4	axle 5
no. of combined axles	1	1	1	1	1
no. of brake chambers per axle line	2	2	2	2	2
The power output corresponds to	BZ 122.1	BZ 122.1	BZ 119.6	BZ 119.6	BZ 122.1
brake chamber manufacturer	Meritor	Meritor	Meritor	Meritor	Meritor
chamber size	20.	20.	T.14/24	T.14/24	14.
lever length	69	69	69	69	69
brake factor	23.03	23.03	23.03	23.03	23.03
dyn. rolling radius	421	421	421	421	421
dyn. rolling radius	rdyn max in mm	421	421	421	421
threshold torque	Co Nm	6.0	6.0	6.0	6.0

calculation:

	min)	pH at z=22,5%bar	max)pH at z=22,5%bar	at pm6,5bar	bar	N	N	N	N	%
chamber pressure(rdyn	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
chamber pressure(rdyn	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
chamber press.(servo)pcha	5.9	5.9	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
piston force	6825	6825	4586	4586	4586	4586	4586	4586	4586	4586
brake force(rdyn min)	51709	51709	34623	34623	34623	34623	34623	34623	34623	34623
brake force(rdyn max)	51709	51709	34623	34623	34623	34623	34623	34623	34623	34623
Brake force incl. 1 % rolling resistance	22.3	22.3	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5

braking rate z Laden 0.603 for rdyn min
 z = sum (TR)/PRmax 0.603 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 20HSCLD65

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 20HSCLD65

axle 3:

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

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

brake cylinder: Meritor 1424HTLD64

axle 4:

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

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

brake cylinder: Meritor 1424HTLD64

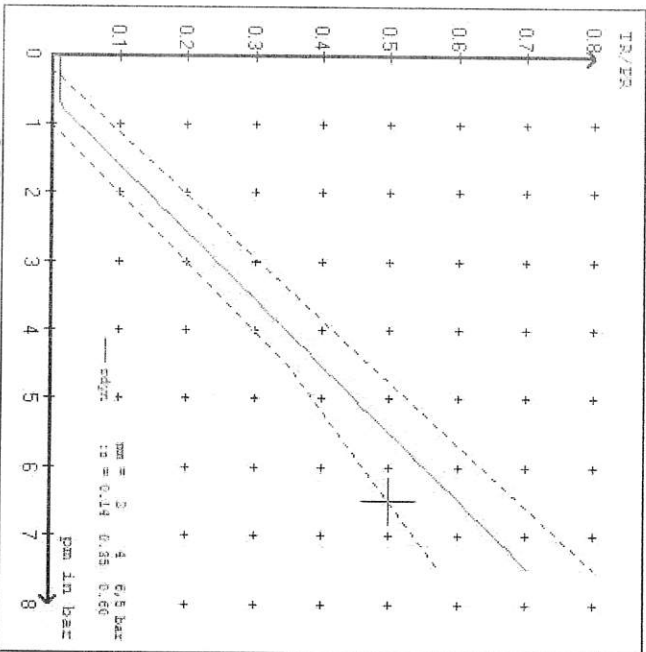
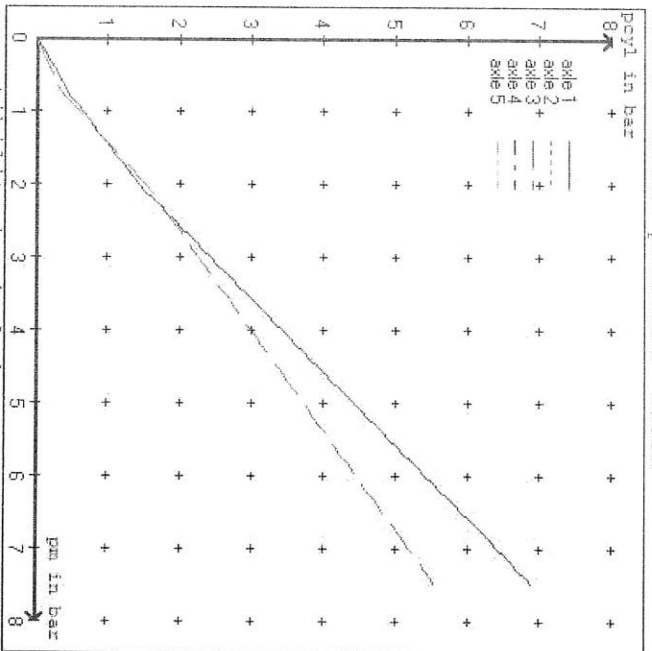
axle 5:

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

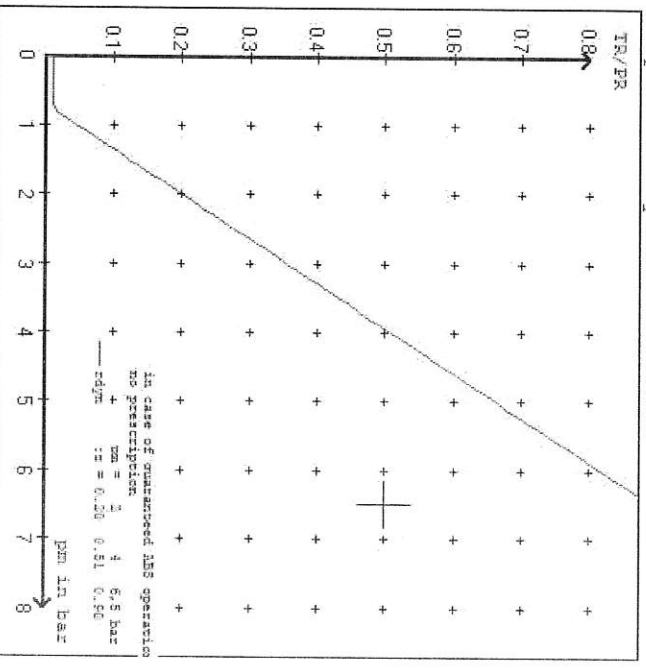
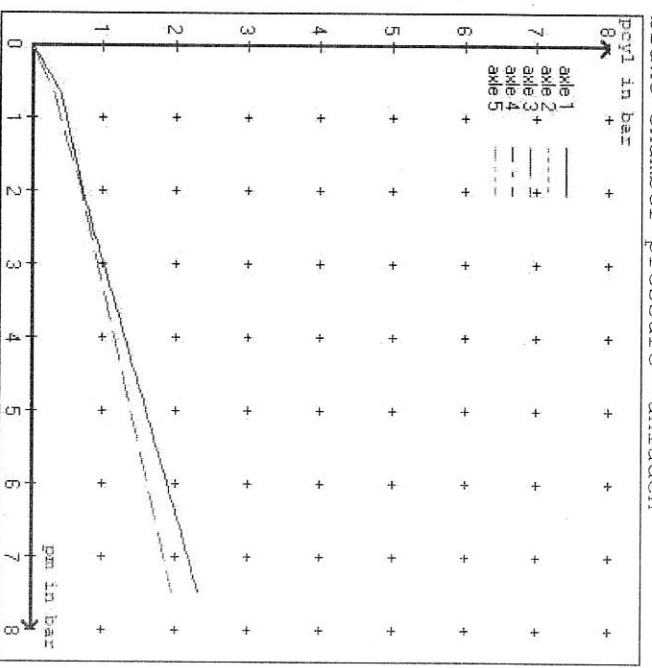
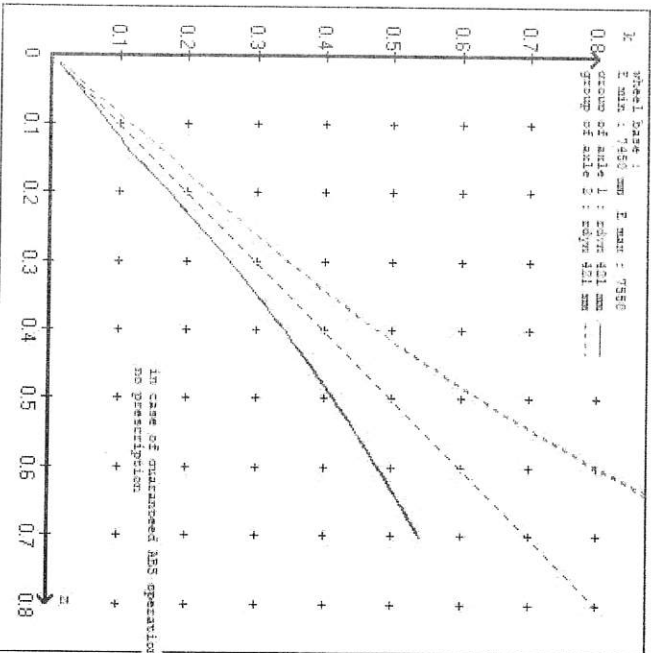
valve 2: 480 102 ... 0 WABCO
EBS trailer modulator

brake cylinder: Meritor 14HSCLD64

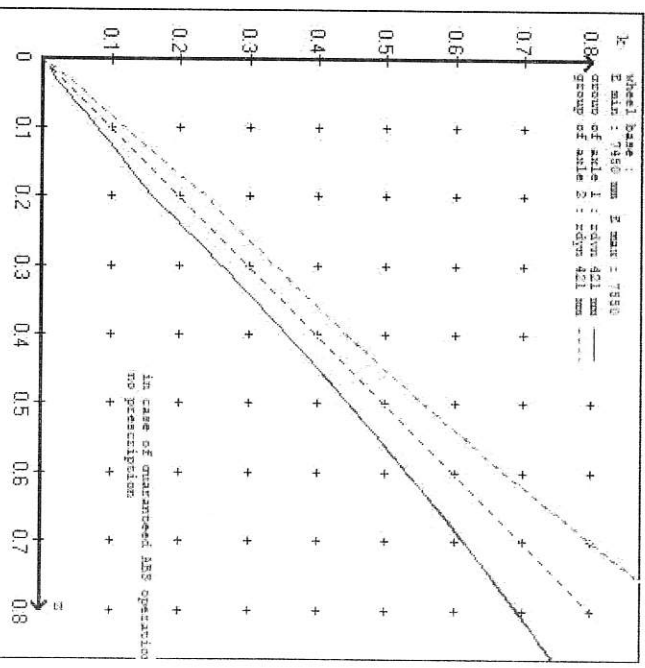
test type III	(zIIII = 0.30)	for rdyn min :	axle1	axle2	axle3	axle4	axle5
at pm 3.5 bar =>		pcha in bar :	2.9	2.9	2.6	2.6	2.6
test type III	(zIIII = 0.06)	for rdyn min :	axle1	axle2	axle3	axle4	axle5
at pm 1.2 bar =>		pcha in bar :	0.8	0.8	0.8	0.8	0.8



curves of friction laden



curves of friction unladen



vehicle manufacturer: DOMETT TRAILERS
 trailer model : 5AFT CURTAIN SIDE
 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 : 5AFT CURTAIN SIDE
 trailer type : 5-axle-full-trailer
 brake calculation no. : TP 52526A

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

assignment pm / deceleration z: pm 0.7 bar z = 0.010
 2.0 bar z = 0.142
 (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 laden
	axle load unladen	bellow pr. unladen			bellow pr. laden	bellow pr. laden		
1	1550	to be	2.0	8000	to be	0.4	1.4	5.9
2	1550	entered by	2.0	8000	entered by	0.4	1.4	5.9
3	1300	the vehicle	1.7	6350	the vehicle	0.3	1.5	4.8
4	1300	manufact.	1.7	6350	manufact.	0.3	1.5	4.8
5	1300		1.7	6350		0.3	1.5	4.8

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
1550	1550	1300	1300	1300
2050	2050	1800	1800	1800
2550	2550	2300	2300	2300
3050	3050	2800	2800	2800
3550	3550	3300	3300	3300
4050	4050	3800	3800	3800
4550	4550	4300	4300	4300
5050	5050	4800	4800	4800
8000	8000	6350	6350	6350
pcyl	pcyl	pcyl	pcyl	pcyl
2.0	2.0	1.7	1.7	1.7
2.3	2.3	2.0	2.0	2.0
2.6	2.6	2.3	2.3	2.3
2.9	2.9	2.6	2.6	2.6
3.2	3.2	2.9	2.9	2.9
3.5	3.5	3.2	3.2	3.2
3.8	3.8	3.5	3.5	3.5
4.1	4.1	3.8	3.8	3.8
5.9	5.9	4.8	4.8	4.8

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

axle 1 : reference axle: SAF	SBW 1937	brake lining: Jurid 539
test report :	TDB 0749 ECE	date : 20130930 30.09.2013
axle 2 : reference axle: SAF	SBW 1937	brake lining: Jurid 539
test report :	TDB 0749 ECE	date : 20130930 30.09.2013
axle 3 : reference axle: SAF	SBW 1937	brake lining: Jurid 539
test report :	TDB 0749 ECE	date : 20130930 30.09.2013
axle 4 : reference axle: SAF	SBW 1937	brake lining: Jurid 539
test report :	TDB 0749 ECE	date : 20130930 30.09.2013
axle 5 : reference axle: SAF	SBW 1937	brake lining: Jurid 539
test report :	TDB 0749 ECE	date : 20130930 30.09.2013

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 = 24.2 % Fe
axle 2	(rdyn 421 mm)	T = 24.2 % 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 = 39 mm
axle 2	(sp = 58 mm)	s = 39 mm
axle 3	(sp = 56 mm)	s = 39 mm
axle 4	(sp = 56 mm)	s = 39 mm
axle 5	(sp = 56 mm)	s = 39 mm

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

axle1	ThA = 6825 N
axle2	ThA = 6825 N
axle3	ThA = 4586 N
axle4	ThA = 4586 N
axle5	ThA = 4586 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 = 40393 N
axle 2	(rdyn 421 mm)	T = 40393 N
axle 3	(rdyn 421 mm)	T = 27098 N
axle 4	(rdyn 421 mm)	T = 27098 N
axle 5	(rdyn 421 mm)	T = 27098 N

basic test of subject trailer (E)	type III (calculated) 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 = 40393 N
axle 2	(rdyn 421 mm)	T = 40393 N
axle 3	(rdyn 421 mm)	T = 27098 N
axle 4	(rdyn 421 mm)	T = 27098 N
axle 5	(rdyn 421 mm)	T = 27098 N

basic test of subject trailer (E)	type III (calculated) 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 3	axle 4
no of TRISTOP-actuators per axle line KDZ	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	30	30
sp.brake chamber no Meritor.....	TFZ in N	6160
release pressure	pls in bar	4
	4.8	4.8

Calculation:

```

ratio until road
iFb = 1Bh*Eta*C*rBt/(rBn*rstat)
for rstat in mm
brake force of spring br. Tf in N
Tf = (TFZ*KDZ-2*Co/1Bh)*iFb
braking rate
zf = sum (Tf)/P + 0,01
zf laden 0.290
    
```

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 = 5704 mm for E = 7450 mm
min Ef = 5773 mm for E = 7550 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 = 35050 kg maximum total mass - laden
nf = 2 no. of axle(s) with TRISTOP spring brake actuators
ng = 3 no. of bogie axle(s)
    
```

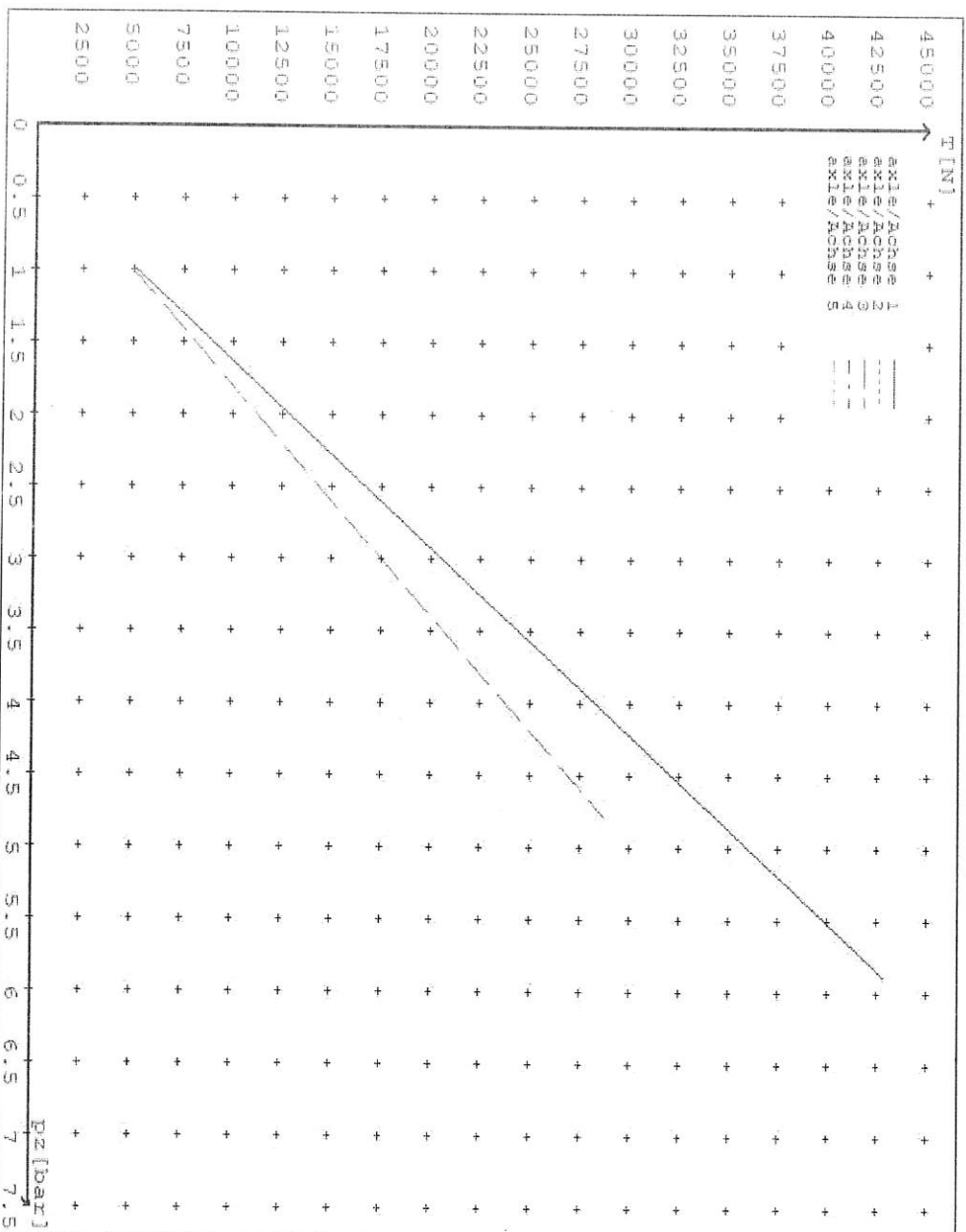
reference values

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

	pz [bar]	T [N]	T [N]
axle 1	1.0 5.9	5045 42876	
axle 2	1.0 5.9	5045 42876	
axle 3	1.0 4.8		4848 28709
axle 4	1.0 4.8		4848 28709
axle 5	1.0 4.8		4848 28709

VIN - no.:

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





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

CLIENT

MANUFACTURER: DOMETT TRAILERS
ADDRESS: TAURIKURA DRIVE, TAURANGA 31110
FLEET: T R GROUP

VEHICLE DETAILS

VEHICLE TYPE: SAFT CURTAINSIDE **CERT #:** JH220628
YEAR: 2022 **CALCULATION #:** TP52526
MAKE: DOMETT **REGO #:** N/A
MODEL: E2001 PH **LT400 #:** 837662
CHASSIS #: 2218 **ORDER #:** 8765
VIN #: 7A9E20010N2023218

GVM: t 32 **PRIME MOVER:** UNKNOWN

LOAD CONFIGURATION: MIXED FREIGHT

GROUP RATINGS: t

FRONT	REAR
16	19

WHEEL BASE: m 7.5

UNLADEN COG <i>m</i>	MAX HEIGHT <i>m</i>	HEIGHT DECK <i>m</i>
1.016	4.3	1.09

COG: m 2.073

FRONT	REAR	TOTAL
3.1	4	7.1

TYRE SIZE: 265 70 R19.5 **FRONT** 265 70 R19.5 **REAR**

ROLLING CIRCUMFERENCE: mm 2645

AXLE SPACING: m 1.31 2.6

BRAKE & AXLE DETAILS

	MAKE	MODEL	TEST REPORT
AXLE:	SAF	SAF-ZI9W	TDB0749
POLE WHEEL FRONT:	90	POLE WHEEL REAR:	90
LINING MATERIAL:	JURID 539	BRAKE FACTOR:	23.03
SENSED AXLE(S):	# 2 + 4	NOTES:	
SERIAL NUMBERS:			
1	N/A		SAF NG-IU25
2	N/A		SAF NG-IU25
3	N/A		SAF NG-IU25
4	N/A		SAF NG-IU25
5	N/A		SAF NG-IU25

CHAMBER AND VALVING DETAILS

	AXLE 1 & 2	AXLE 3 & 4	AXLE 5
CHAMBERS:			
BRAND:	TSE_CHAMBERS	TSE_CHAMBERS	TSE_CHAMBERS
SIZE:	20HSCLD	14I6HTLD	14HSCLD
STROKE: mm	65	64	64
TEST REPORT #:	BC 0041.0 Jul '07	BC0143.0	BZ 122.1 Sep '00
SPRINGBRAKE FORCE: kN	N/A	6.16	N/A
HOLDOFF PRESSURE: Bar	N/A	4.8	N/A
FOUNDATION BRAKE:	WABCO PAN19	WABCO PAN19	WABCO PAN19
LEVER LENGTH: mm	69	69	69
BRAKE VALVES:	MAKE:	PART NUMBER:	PMI PRESS. kPa
ECU PART #:	WABCO	480 102 08.0 (MV)	70 kPa
3RD MODULATOR #:	WABCO	480 207 202 0 (12V)	70 kPa
ANTI-COMPOUNDING:	YES		
SPRING BRAKE RELAY:	WABCO_PREV	971 002 900 0	
YARD RELEASE VALVE:	WABCO-PREV	971 002 900 0	
INLINE RELAY FITTED:	N/A	N/A	

ECU DIRECTION: FRONT REAR FRONT FRICTION: μ

SUBSYSTEMS: SMARTBOARD OPTI-LINK CAN ROUTER 446 122 050 0
 ELEX 446 122 070 0 TAILGUARD

SUSPENSION

	FRONT	REAR
SUSPENSION TYPE:	PNEUMATIC	PNEUMATIC
MAKE:	SAF_AIRSPRING	SAF_AIRSPRING
MODEL:	SAF_INTRA	SAF_INTRA
BELLOW SIZE:	2619, 300mm	2619, 300mm
HEIGHT CONTROL VALVE:	HALDEX 90554950	HALDEX 90554950
OTHER VALVES:	N/A	N/A
RIDE HEIGHT mm :	260	260
HANGER HEIGHT mm :	200	200
PEDESTAL HEIGHT mm :	5	5
LIFTAXLE:	N/A	N/A
TIPPING DUMP SWITCH:	N/A	N/A
LIFTAXLE VALVE:	N/A	N/A
PRESSURE LIMITING:	N/A	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	

ELECTRONIC HEIGHT SENSOR CALIBRATION

	TIMER TICKS [F/R]	MILLIMETRE [F / R]
UPPER LEVEL:	<input type="text" value="N/A"/>	<input type="text" value="N/A"/>
NORMAL LEVEL:	<input type="text" value="N/A"/>	<input type="text" value="N/A"/>
LOWER LEVEL:	<input type="text" value="N/A"/>	<input type="text" value="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"/>		
RESPONSE TIME:	MODULATOR 2.1	MODULATOR 2.2	RELAY VALVE
ms:	<input type="text" value="255"/>	<input type="text" value="265"/>	<input type="text" value="355"/>

NOTES AND SPECIAL CONDITIONS

FILES RECEIVED: 16.05.2022

FILES CREATED & SENT TO CIC: 28.06.2022

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 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:

3/08/2022

SIGNED:

CERTIFIER NAME & ID:

CHRIS CLARKE

CIC

SODC BY:

JOHN HIRST

JEH

PHONE (BUS):

09-980-7300

FAX:

POSTAL ADDRESS:

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



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.

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)