

Heavy vehicle specialist certificate

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

CHRIS CLARKE

ID

CJC

Plate number (optional)

VIN/chassis number
7A9D20011N2023238

Make

DOMETT

Component being certified:

Chassis

Load anchorage

Model (optional)

D2001

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.
 4AFT 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)
 30 Tonnes GVM

General drawing number(s)
 N/A

16 Tonne (Front brake mass)
 16 Tonne (Rear brake mass)

Supporting documents

BRAKE RULE CERTIFICATE JH221019
 BRAKE CALCULATION # TP52580

Special conditions (optional)
WARNING LAMP MUST ILLUMINATE WHEN IGNITION IS SWITCHED ON & THEN EXTINGUISH IMMEDIATELY OR WHEN VEHICLE SPEED EXCEEDS 7 KMH

Certification expiry date (if applicable)
 N/A [UNLESS MODIFIED]

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)
CHRIS CLARKE ID number
842441
 Date
21.11.2022 Number
842441

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	2022-09-08	Serial number	897042438900D
Serial number (modulator)	000000560035		
Fingerprint Customer EOL / Customer Development / Flash Program	W503643 / 2022-11-01 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00		

WABCO

TRAILER EBS-E

GGVSA/ADR TÜEH TB 2007 - 019.00
TDB0749

HERSTELLER MANUFACTURER CONSTRUCTEUR	DOMETT TRAILERS		
TYPE	4AFT CURTAINSIDE		
VEHICLE IDENT. NUMBER	7A9D20011N2023238		
CHASSIS NUMBER CHASSIS DE SÉRIE	TP525580A		
BREMSENRECHNUNGS-NR. BRAKE CALCULATION NO. ALSAI DE FREINAGE (NO.)	90		
POLYMERISIERUNG POLYMERIZATION DENTS ROUE DENTEE cdl (n.)	90	90	ABS-System ABS-system Système ABS
Einbaueinheit Sonder-Tyre Monte simple		Turkshen Sonder-axe Essieu vneur	
Zwillingen Twin Tyre	X	Kopplisches Einzug Critical Trailer	
Monte jumelle			
Subsystems	I/O	24N	


GIO	Pin1	Pin3	Pin4
1	---	---	---
2	---	---	---
3	ALS2	ALS2	---
4	---	---	---
5 ↓	DIAG	DIAG	DIAG
6	---	---	---
7	---	---	---

KONTROLLE AXLE RESEAU	EBS		ABS		TDB	TYPE	(mm)	(mm)	TR (dan)					
	pm (bar)	6.5	pm (bar)	0.8					2.0	1.0	Pz			
1	1700	0.7	2.3	8000	5.1	0.4	1.5	6.1	-	20	65	69	505	4449
2	1700	0.7	2.3	8000	5.1	0.4	1.5	6.1	-	20	65	69	505	4449
3	1600	0.7	1.9	8000	5.1	0.3	1.6	5.6	-	14 / 16	64	69	499	3392
4	1600	0.7	1.9	8000	5.1	0.3	1.6	5.6	-	14 / 16	64	69	499	3392
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.	7A9D20011N2023238
Vehicle type	4AFT CURTAINSIDE	Odometer reading	0.0 km
Next service	0 km	Trip reading	0.0 km
Tester	Chris Clarke	Signature 	
Date	2022-11-01 11:30:41 am		

distribution: DOMETT TRAILERS
 7A9D2001IN2023238
 SODC: JH221019
 LT400: CJC 842441

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 dp 31.08.2018

vehicle manufacturer: DOMETT TRAILERS
 trailer model : 4AFT CURTAINSIDE
 trailer type : 4-axle-full-trailer
 remarks : air / hydraulic / VA suspension
 WABCO TRAILER - EBS
 TRISTOP 3+4: T.14/24 [TSE1416HTLD ACTUALLY FITTED -
 SEE PAGE 7 FOR PERFORMANCE DATA]
 265/70 R 19,5

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

		unladen	Laden
total mass	P	6600	32000
axle 1	P1	1700	8000
axle 2	P2	1700	8000
axle 3	P3	1600	8000
axle 4	P4	1600	8000
wheel base	E	7000	7100
centre of gravity height	h	1176	2110

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

calculation:

chamber pressure(rdyn min)	pH at z=22,5%bar	2.4	2.4	2.4	2.4
chamber pressure(rdyn max)	pH at z=22,5%bar	2.4	2.4	2.4	2.4
chamber press.(servo)	pcha at pm6,5bar	6.1	6.1	5.6	5.6
piston force	ThA at pm6,5bar	7071	7071	5387	5387
brake force(rdyn min)	T lad. at pm6,5bar	53571	53571	40844	40844
brake force(rdyn max)	T lad. at pm6,5bar	53571	53571	40844	40844
Brake force incl. 1 % rolling resistance		27.3	27.3	22.7	22.7

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 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:

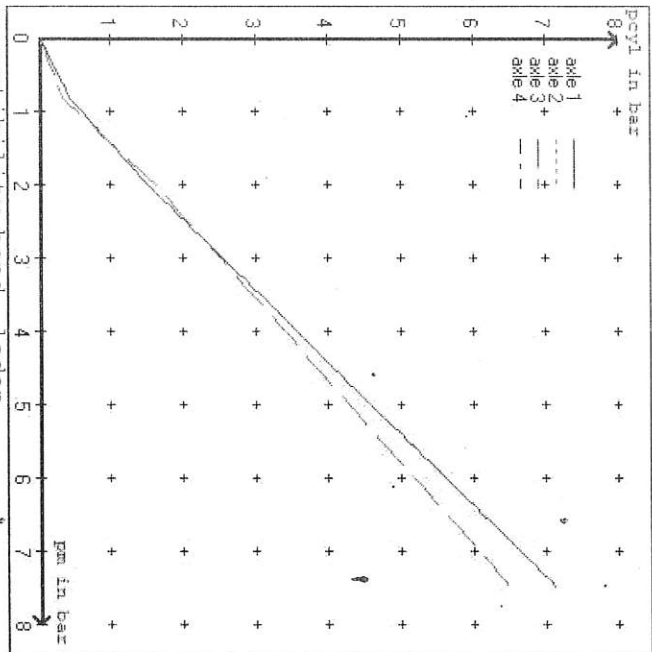
valve 1: 971 002 ... 0 WABCO
EBS emergency valve

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

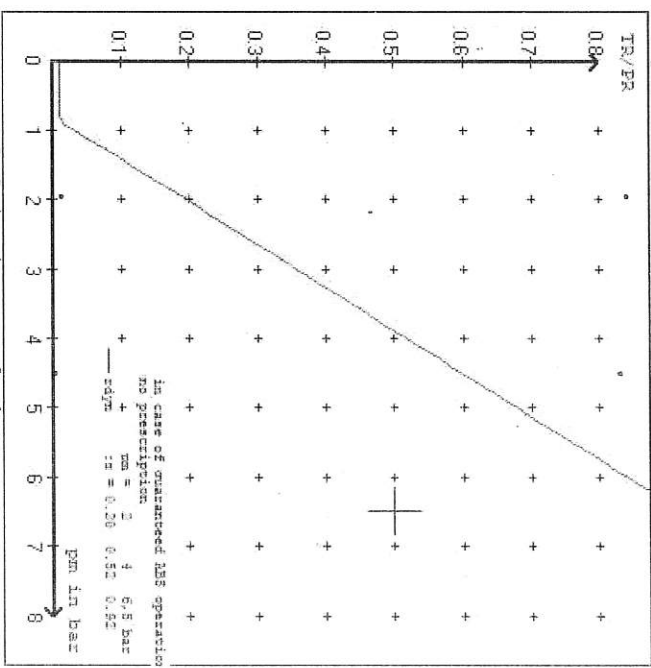
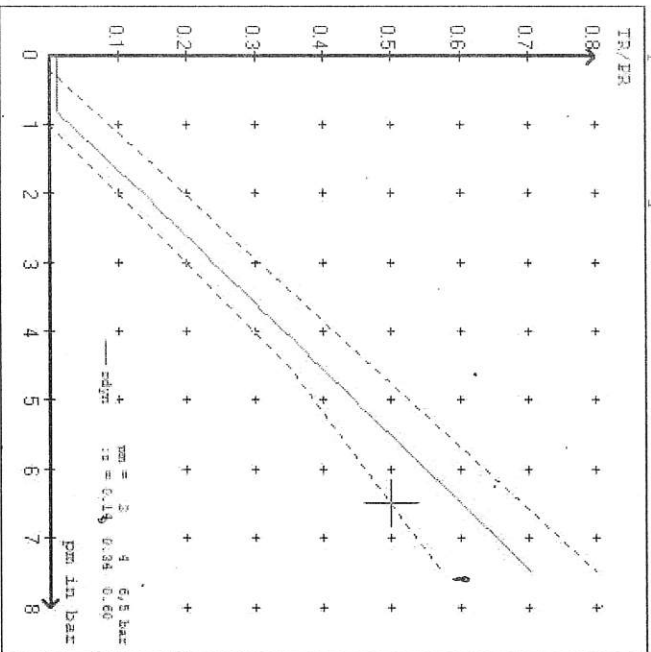
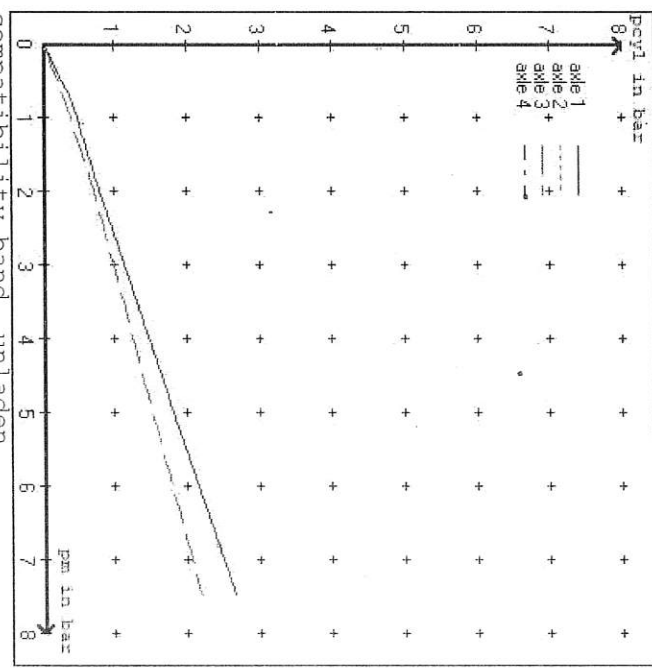
brake cylinder: Meritor 1424HTLD64

test type III	(ZIII = 0.30)	for rdyn min	: axle1	axle2	axle3	axle4
at pm 3.6 bar =>		pcha in bar	: 3.1	3.1	3.0	3.0
test type III	(ZIII = 0.06)	for rdyn min	: axle1	axle2	axle3	axle4
at pm 1.3 bar =>		pcha in bar	: 0.8	0.8	0.8	0.8

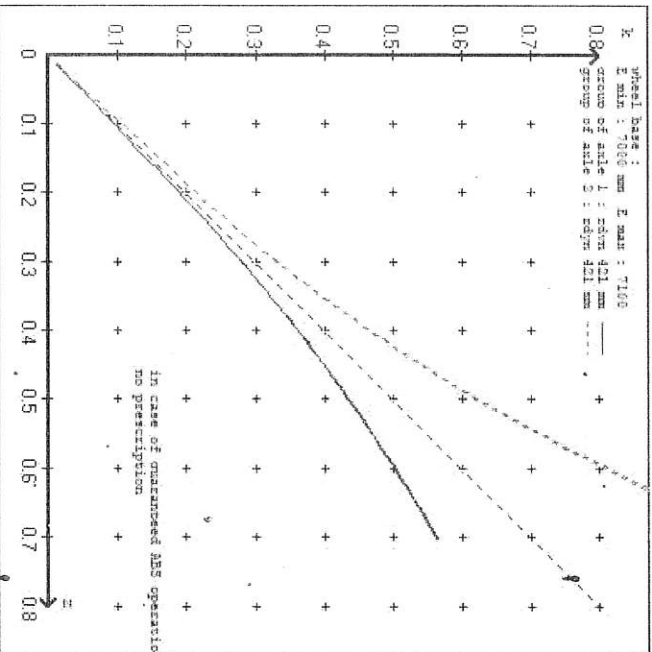
brake chamber pressure laden



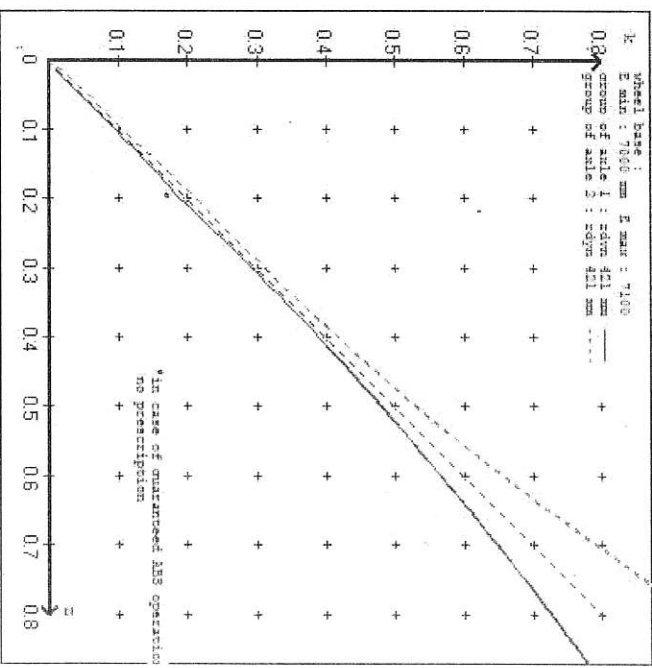
brake chamber pressure unladen



curves of friction laden



curves of friction unladen



vehicle manufacturer: DOMETT TRAILERS
 trailer model : 4AFT CURTAINSIDE
 trailer type : 4-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

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 : 4AFT CURTAINSIDE
 trailer type : 4-axle-full-trailer
 brake calculation no. : TP 52580A

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	1700	to be	2.3	8000	to be	0.4	1.5	6.1	
2	1700	entered by	2.3	8000	entered by	0.4	1.5	6.1	
3	1600	the vehicle	1.9	8000	the vehicle	0.3	1.6	5.6	
4	1600	manufact.	1.9	8000	manufact.	0.3	1.6	5.6	
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 liftaxes 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 load pcy1	axle load pcy1	axle load pcy1	axle load pcy1
1700	1700	1600	1600
2.3	2.3	1.9	1.9
2.6	2.6	2.2	2.2
2700	2700	2600	2600
2.9	2.9	2.5	2.5
3200	3200	3100	3100
3.2	3.2	2.8	2.8
3700	3700	3600	3600
3.5	3.5	3.1	3.1
4200	4200	4100	4100
3.8	3.8	3.3	3.3
4700	4700	4600	4600
4.1	4.1	3.6	3.6
5200	5200	5100	5100
4.4	4.4	3.9	3.9
8000	8000	8000	8000
6.1	6.1	5.6	5.6

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

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 = 25.8 % Fe
axle 2	(rdyn 421 mm)	T = 25.8 % Fe
axle 3	(rdyn 421 mm)	T = 21.2 % Fe
axle 4	(rdyn 421 mm)	T = 21.2 % 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

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

axle1	ThA = 7071 N
axle2	ThA = 7071 N
axle3	ThA = 5387 N
axle4	ThA = 5387 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 = 41837 N
axle 2	(rdyn 421 mm)	T = 41837 N
axle 3	(rdyn 421 mm)	T = 31963 N
axle 4	(rdyn 421 mm)	T = 31963 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 0.47

required braking rate
(items 1.5.3 and 1.7.2 to annex 11) $\geq 0,4$ and $\geq 0,6*E$ (0.36)

axle 1	(rdyn 421 mm)	T = 41837 N
axle 2	(rdyn 421 mm)	T = 41837 N
axle 3	(rdyn 421 mm)	T = 31963 N
axle 4	(rdyn 421 mm)	T = 31963 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 0.47

required braking rate
(items 1.5.3 and 1.7.2 to annex 11) $\geq 0,4$ and $\geq 0,6*E$ (0.36)

spring parking brake

	axle 3	axle 4
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	30	30
min. force of spring brake	6160	6160
sp.brake chamber no Meritor.....	4	4
release pressure	4.8	4.8

calculation:

```

ratio until road          3.9674      3.9674
iFb = 1Bh*Eta*C*rRbt/(rBn*rstat)
      for rstat in mm      401      401
brake force of spring br. Tf in N  48188     48188
Tf = (TFZ*KDZ-2*Co/1Bh)*iFb
braking rate              zf laden      0.317
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

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

```

min Ef = 5006 mm for E = 7000 mm
=====
min Ef = 5071 mm for E = 7100 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 = 2110 mm height of center of gravity - laden
PR = 16000 kg maximum bogie mass - laden
P = 32000 kg maximum total mass - laden
nf = 2 no. of axle(s) with TRISTOP spring brake actuators
ng = 2 no. of bogie axle(s)
    
```

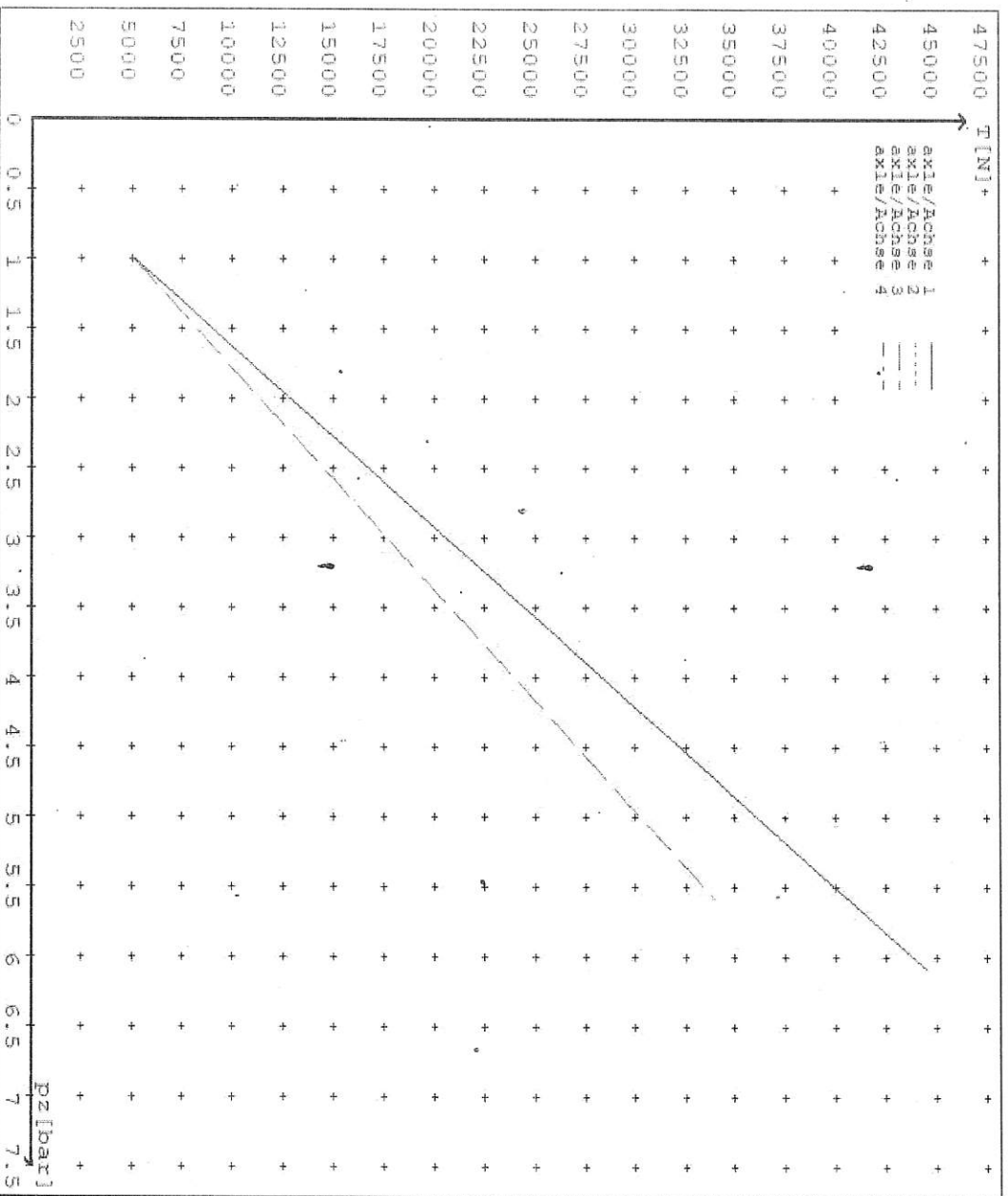
reference values

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

	pz [bar]	T [N]	T [N]
axle 1	1.0 6.1	5053 44494	
axle 2	1.0 6.1	5053 44494	
axle 3	1.0 5.6		4990 33923
axle 4	1.0 5.6		4990 33923

VIN - no.:

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



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

CLIENT

MANUFACTURER: DOMETT TRAILERS
ADDRESS: TAURIKURA DRIVE, TAURANGA 3110
FLEET: D & K TRUCKING

VEHICLE DETAILS

VEHICLE TYPE: 4AFT CURTAINSIDE **CERT #:** JH221019
YEAR: 2022 **CALCULATION #:** TP52580
MAKE: DOMETT **REGO #:** N/A
MODEL: D2001 **LT400 #:** 842441
CHASSIS #: 2238 **ORDER #:** 8690
VIN #: 7A9D20011N2023238

GVM: t 30 **PRIME MOVER:** EBS / EUROPEAN

LOAD CONFIGURATION: MIXED FREIGHT

GROUP RATINGS: t

FRONT	16	REAR	16
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WHEEL BASE: m 7.06

UNLADEN COG m	1.176	MAX HEIGHT m	4.3	HEIGHT DECK m	1.09
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COG: m 2.110

TARE: t	FRONT	3.4	REAR	3.2	TOTAL	6.6
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TYRE SIZE: 265 70 R19.5

ROLLING CIRCUMFERENCE: mm 2645

AXLE SPACING: m 1.31

BRAKE & AXLE DETAILS

	MAKE	MODEL	TEST REPORT
AXLE:	SAF	SAF-Z19W	TDB0749
POLE WHEEL FRONT:	90	POLE WHEEL REAR:	90
LINING MATERIAL:	JURID 539	BRAKE FACTOR:	23.03
SENSED AXLES:	2 + 4	NOTES:	
SERIAL NUMBERS:			
	1	N/A	NG-IU28-Z19-19W
	2	N/A	NG-IU28-Z19-19W
	3	N/A	NG-IU28-Z19-19W
	4	N/A	NG-IU28-Z19-19W

CHAMBER AND VALVING DETAILS

	AXLE 1 & 2	AXLE 3 & 4	
CHAMBERS:	TSE_CHAMBERS	TSE_CHAMBERS	
BRAND:	20HSCLD	1416HTLD	
SIZE:	65	64	
STROKE: mm	BC 0041.0 Jul '07	BC0143.0	
TEST REPORT #:	N/A	6.16	
SPRINGBRAKE FORCE: kN	N/A	4.8	
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 #:	WABCO	480 207 202 0 (12V)	80 kPa
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	FRONT FRICTION: μ 0.5
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

	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 :	280	280
HANGER HEIGHT mm :	250	250
PEDESTAL HEIGHT mm :	50	50
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	

HEAVY VEHICLE BRAKE RULE - 32015 (TRAILER)

SCHEDULE 4

SCHEDULE 5

SECTION 6

APPROVED STD

CHECKS AT COMMISSION OF VEHICLE

CHAMBER BUNGS REMOVED:

VALVE MOUNTING:

ECU BLANKING PLUGS CHECKED:

RESPONSE TIME:
ms:

MODULATOR 2.1
260

MODULATOR 2.2
270

RELAY VALVE
360

NOTES, SKETCHES AND SPECIAL CONDITIONS

FILES RECEIVED: 02.08.22

FILES CREATED: 28.10.22

FILES ENCRYPTED & SENT: 28.10.22

REQUEST A COPY OF THE TARE WEIGHT DOCKET

FILES RETURNED AS COMPLETE: NEW TRAILER BUILD
REASON FOR CERTIFICATION:

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, SCHEDULE 5.

DATE: 28/10/2022

SIGNED:


CHRIS CLARKE CIC

CERTIFIER NAME & ID:
SODC BY:

JOHN HIRST JEH

PHONE (BUS): 09-980-7300
POSTAL ADDRESS: P.O. Box 98-971, Manukau Z241
New Zealand