

Heavy vehicle specialist certificate

Must be presented to a CoF (heavy) inspecting organisation
 Heavy vehicle specialist inspector and inspecting organisation

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

CHRIS CLARKE

ID

CJC

Vehicle registration (optional)

VIN/chassis number

7A9E15016J1023708

Make DOMETT TRAILERS

Component being certified:

Chassis

Load anchorage

Model (optional)

Log bolsters

Towing connection

X Brakes

Certification category

HVEK

SRT

PSV stability

PSV rollover

Swept path

PBS

Description of work

CERTIFY TO SCHEDULE 5 OF LTR 32015/4

RSS ON: TWIN TYRES / SUPER-SINGLES

SIZE = 265 70 R 19.5

Code/standard/rule certified to

LTR 32015/4

Component load rating(s)

33 Tonnes GVM

General drawing number(s)

N/A

35 Tonnes (Group ratings)

Supporting documents

BRAKE CODE CERTIFICATE JH180614

BRAKE CALCULATION # TP51716

Special conditions (optional)

**WARNING LAMP MUST ILLUMINATE WHEN IGNITION IS SWITCHED ON & THEN
 EXTINGUISH IMMEDIATELY OR WHEN VEHICLE SPEED EXCEEDS 7 KPH**

Certification expiry date (if applicable)

N/A [UNLESS MODIFIED]

or

Hubodometer reading (whichever comes first)

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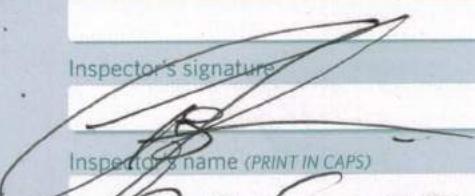
Declaration

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)

<input type="text"/>

Inspector's signature


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Inspector's name (PRINT IN CAPS)

CHRIS CLARKE	ID number
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Date

26-Jun-18

Number

639286

CoF vehicle inspector ID

CoF vehicle inspector signature

Date

All fields are mandatory unless otherwise stated.

WABCO**START-UP LOG**

System	Trailer EBS-E	WABCO part number	480 102 084 0
Production date	2017-10-16	Serial number	437004282100A
Serial number (modulator)	000000003289		
Fingerprint Customer EOL / Customer Development / Flash Program	W503643 / 2018-06-26 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00		

WABCO **TRAILER EBS-E** GGVS/ADR TUEH TB 2007 - 019.00
TDB0749

HERSTELLER MANUFACTURER CONSTRUCTEUR	DOMETT TRAILERS			GIO	Pin1	Pin3	Pin4							
TYP TYPE	5AFT PLATFORM			1	24V-O1	---	---							
VEHICLE IDENT. NUMBER CHASSIS NUMBER NUMERO DE CHASSIS	7A9E15016J1023708			2	---	---	---							
BREMSBERECHNUNGS-NR. BRAKE CALCULATION NO. CALCUL DE FREINAGE NO.	TP51716A			3	ALS2	ALS2	---							
POLRADZAHNEZAHL c-d e-f POLE WHEEL TEETH c-d e-f DENTS ROUE DENTÉE c-d e-f	90	90	ABS-System ABS-System Système ABS	4	---	---	---							
RSS RSS RSS	Einfachbereifung Single Tire Monte simple	Lenkachse Steering axle Essieu梵	5	DIAG	DIAG	DIAG	DIAG							
Zwillingsbereifung Twin Tire Monte jumelle	X	Kippkritisches Fahrzeug Critical Trailer Véhicule critique	6	---	---	---	---							
Subsystems	SE	I/O	24N	7	---	---	---							
								(bar)						
ACHSE AXLE ESSIEU	pm (bar)	6.5	pm (bar)	0.8	2.0	---	6.5	1.0	Pz					
1	1650	0.7	1.7	8000	5.1	0.4	1.4	5.8	-	20	65	69	505	4217
2	1650	0.7	1.7	8000	5.1	0.4	1.4	5.8	-	20	65	69	505	4217
3	1350	0.5	1.4	6400	4.0	0.3	1.4	4.9	-	14 / 16	64	69	485	2939
4	1350	0.5	1.4	6400	4.0	0.3	1.4	4.9	-	14 / 16	64	69	485	2939
5	1350	0.5	1.4	6400	4.0	0.3	1.4	4.9	-	14	64	69	485	2939

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	7A9E15016J1023708
Vehicle type	5AFT PLATFORM	Odometer reading	0.0 km
next Service	0 km	Trip reading	0.0 km
Tester	Chris Clarke		
Date	2018-06-26 3:59:28 p.m.	Signature	

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

distribution: DOMETT TRAILERS
 7A9E15016J1023708
 SODC: JH180614
 LT400: CJC 639286

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 (V6.14.04.20).
 -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 recommend to do a braking harmonisation!
 WABCOBrake V6.14.04.20 db 20.04.2016

vehicle manufacturer: DOMETT TRAILERS
 trailer model : SAFT PLATFORM
 trailer type : 5-axle-full-trailer
 remarks : air / hydraulic / VA suspension
 WABCO TRAILER - EBS
 TRISTOP 3+4: T.14/24 [TSE1416HTLD64 ARE 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,

			<u>unladen</u>	<u>laden</u>
total mass	P in kg		7350	35200
axle 1	P1 in kg		1650	8000
axle 2	P2 in kg		1650	8000
axle 3	P3 in kg		1350	6400
axle 4	P4 in kg		1350	6400
axle 5	P5 in kg		1350	6400
wheel base	E in mm	7800 - 3300		
centre of gravity height	h in mm	1000		2100

		<u>axle 1</u>	<u>axle 2</u>	<u>axle 3</u>	<u>axle 4</u>	<u>axle 5</u>
no. of combined axles		1	1	1	1	1
no. of brake chambers per axle line	KDZ	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	1Bh in mm	69	69	69	69	69
brake factor	[-]	23.03	23.03	23.03	23.03	23.03
dyn. rolling radius	rdyn min in mm	421	421	421	421	421
dyn. rolling radius	rdyn max in mm	421	421	421	421	421
threshold torque	Co Nm	6.0	6.0	6.0	6.0	6.0

calculation:

chamber pressure(rdyn min)pH at z=22,5%bar	2.3	2.3	2.1	2.1	2.1
chamber pressure(rdyn max)pH at z=22,5%bar	2.3	2.3	2.1	2.1	2.1
chamber press.(servo)pcha at pm6,5bar bar	5.8	5.8	4.9	4.9	4.9
piston force ThA at pm6,5bar N	6702	6702	4686	4686	4686
brake force(rdyn min)T lad. at pm6,5bar N	50778	50778	35386	35386	35386
brake force(rdyn max)T lad. at pm6,5bar N	50778	50778	35386	35386	35386
brake force within 1 % rolling friction proportion	%	22.3	22.3	18.5	18.5

braking rate z laden
 z = sum (TR)/PRmax

0.602 for rdyn min
 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
EBS emergency valve

WABCO

valve 2: 480 207 0.. 0
EBS relay valve

WABCO or 480 207 2.. 0

brake cylinder: Meritor 20HSCLD65

axle 2:

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

WABCO

valve 2: 480 207 0.. 0
EBS relay valve

WABCO or 480 207 2.. 0

brake cylinder: Meritor 20HSCLD65

axle 3:

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

WABCO

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

WABCO

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

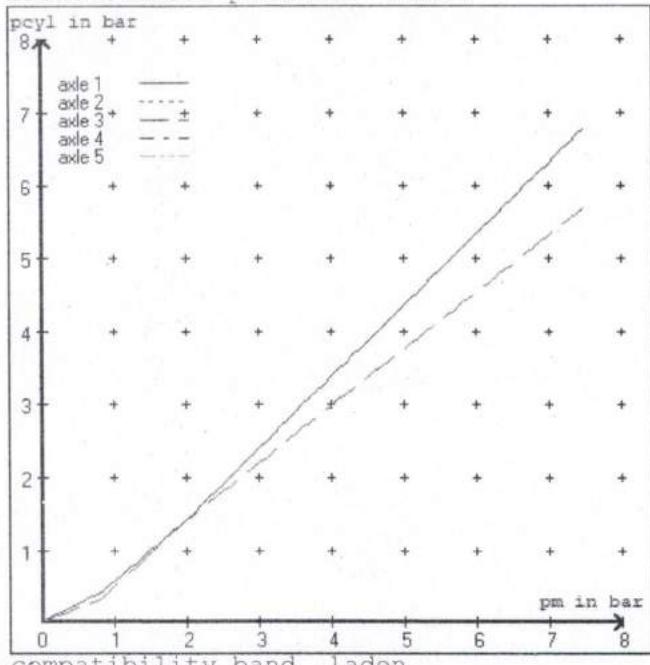
valve 2: 480 102 ... 0 WABCO

EBS trailer modulator

brake cylinder: Meritor 14HSCLD64

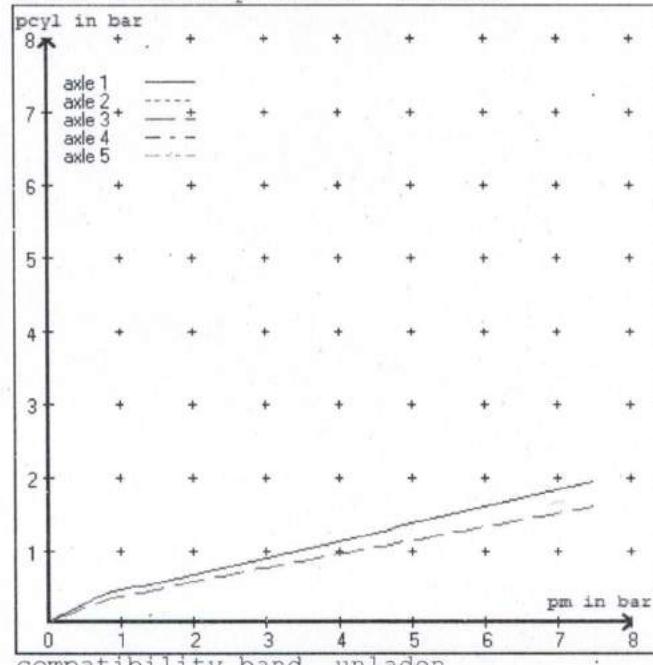
test type III (zIII = 0.30) for rdyn min : axle1 axle2 axle3 axle4 axle5
at pm 3.6 bar => pcha in bar : 3.0 3.0 2.6 2.6 2.6
test type III (zIII = 0.06) for rdyn min : axle1 axle2 axle3 axle4 axle5
at pm 1.3 bar => pcha in bar : 0.8 0.8 0.8 0.8 0.8

brake chamber pressure laden

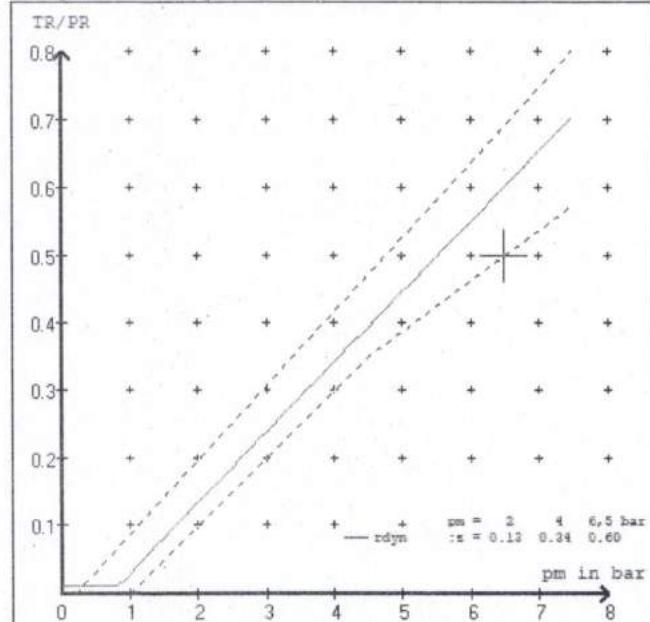


compatibility band laden

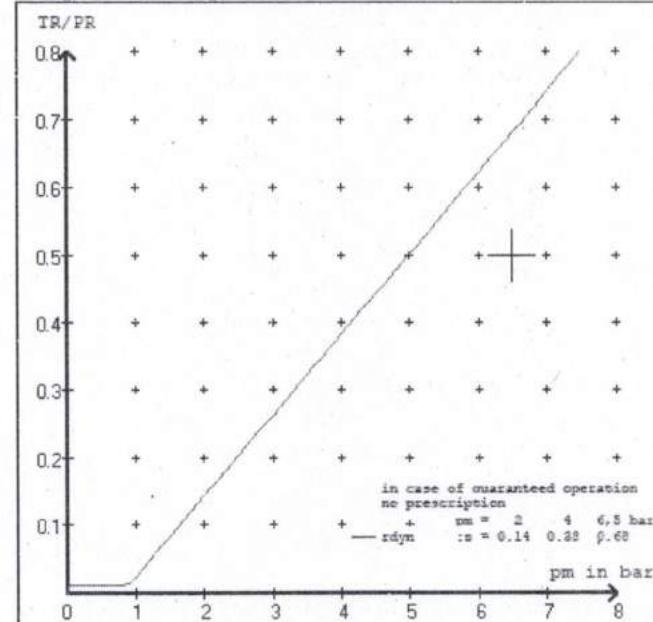
brake chamber pressure unladen



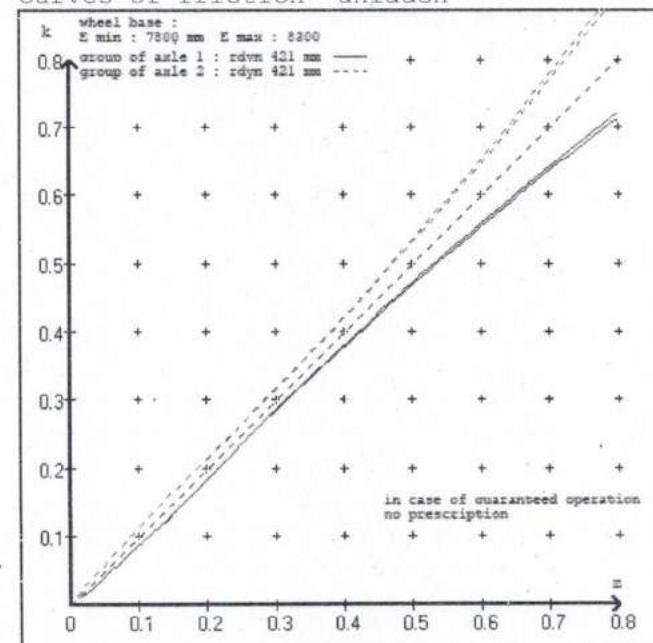
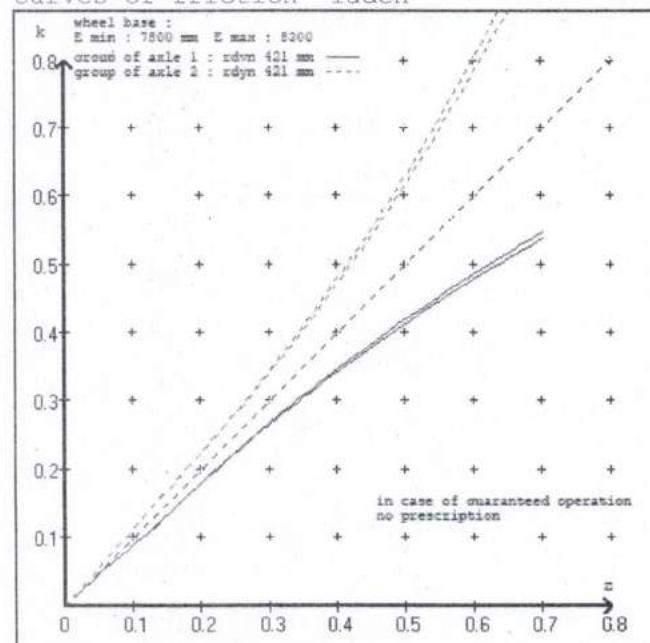
compatibility band unladen



curves of friction laden



curves of friction unladen



vehicle manufacturer: DOMETT TRAILERS
 trailer model : 5AFT PLATFORM
 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
480 102 ... 0	WABCO EBS trailer modulator

or 480 207 2.. 0

EBS input data

=====

vehicle manufacturer:	DOMETT TRAILERS
trailer model :	5AFT PLATFORM
trailer type :	5-axle-full-trailer
brake calculation no.	: TP 51716A

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	
(laden condition)	2.0 bar z = 0.134
	6.5 bar z = 0.600

control pressure pm			6,5	control pressure pm			0.8	2.0	6.5
axle	axle load unladen	bellow pr. unladen	brake pr. unladen	axle load laden	bellow pr. laden	brake pr. laden			
1	1650	to be entered by the vehicle manufact.	1.7	8000	to be entered by the vehicle manufact.	0.4	1.4	5.8	
2	1650		1.7	8000		0.4	1.4	5.8	
3	1350		1.4	6400		0.3	1.4	4.9	
4	1350		1.4	6400		0.3	1.4	4.9	
5	1350		1.4	6400		0.3	1.4	4.9	

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 pcyl				
1650	1.7	1350	1.4	1350
2150	2.0	1850	1.7	1850
2650	2.3	2350	2.1	2350
3150	2.7	2850	2.4	2850
3650	3.0	3350	2.8	3350
4150	3.3	3850	3.1	3850
4650	3.6	4350	3.5	4350
5150	4.0	4850	3.8	4850
8000	5.8	6400	4.9	6400

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 = 24.3 % Fe
axle 2	(rdyn 421 mm)	T = 24.3 % Fe
axle 3	(rdyn 421 mm)	T = 18.3 % Fe
axle 4	(rdyn 421 mm)	T = 18.3 % Fe
axle 5	(rdyn 421 mm)	T = 18.3 % 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 = 6702 N
axle2	ThA = 6702 N
axle3	ThA = 4686 N
axle4	ThA = 4686 N
axle5	ThA = 4686 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 = 39670 N
axle 2	(rdyn 421 mm)	T = 39670 N
axle 3	(rdyn 421 mm)	T = 27691 N
axle 4	(rdyn 421 mm)	T = 27691 N
axle 5	(rdyn 421 mm)	T = 27691 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 0.47

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 = 39670 N
axle 2	(rdyn 421 mm)	T = 39670 N
axle 3	(rdyn 421 mm)	T = 27691 N
axle 4	(rdyn 421 mm)	T = 27691 N
axle 5	(rdyn 421 mm)	T = 27691 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 0.47

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	lBh in mm	69	69
stat. tyre radius	rstat max in mm	401	401
at a stroke of	s in mm	30	30
min. force of spring brake	TFZ in N	6160	6160
sp.brake chamber no Meritor.....		4	4
release pressure	pLs in bar	4.8	4.8

calculation:

ratio until road		3.9674	3.9674
iFb = lBh*Eta*C*rBt/(rBn*rstat)			
for rstat in mm		401	401
brake force of spring br. Tf in N		48188	48188
Tf = (TFZ*KDZ-2*Co/lBh)*iFb			
braking rate	zf laden	0.289	
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 fulfil the regulations

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

$$\text{min Ef} = 5922 \text{ mm} \quad \text{for } E = 7800 \text{ mm}$$

$$\text{min Ef} = 6265 \text{ mm} \quad \text{for } E = 8300 \text{ mm}$$

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 = 19200 kg maximum bogie mass - laden
P = 35200 kg maximum total mass - laden
nf = 2 no. of axle(s) with TRISTOP spring brake actuators
ng = 3 no. of bogie axle(s)

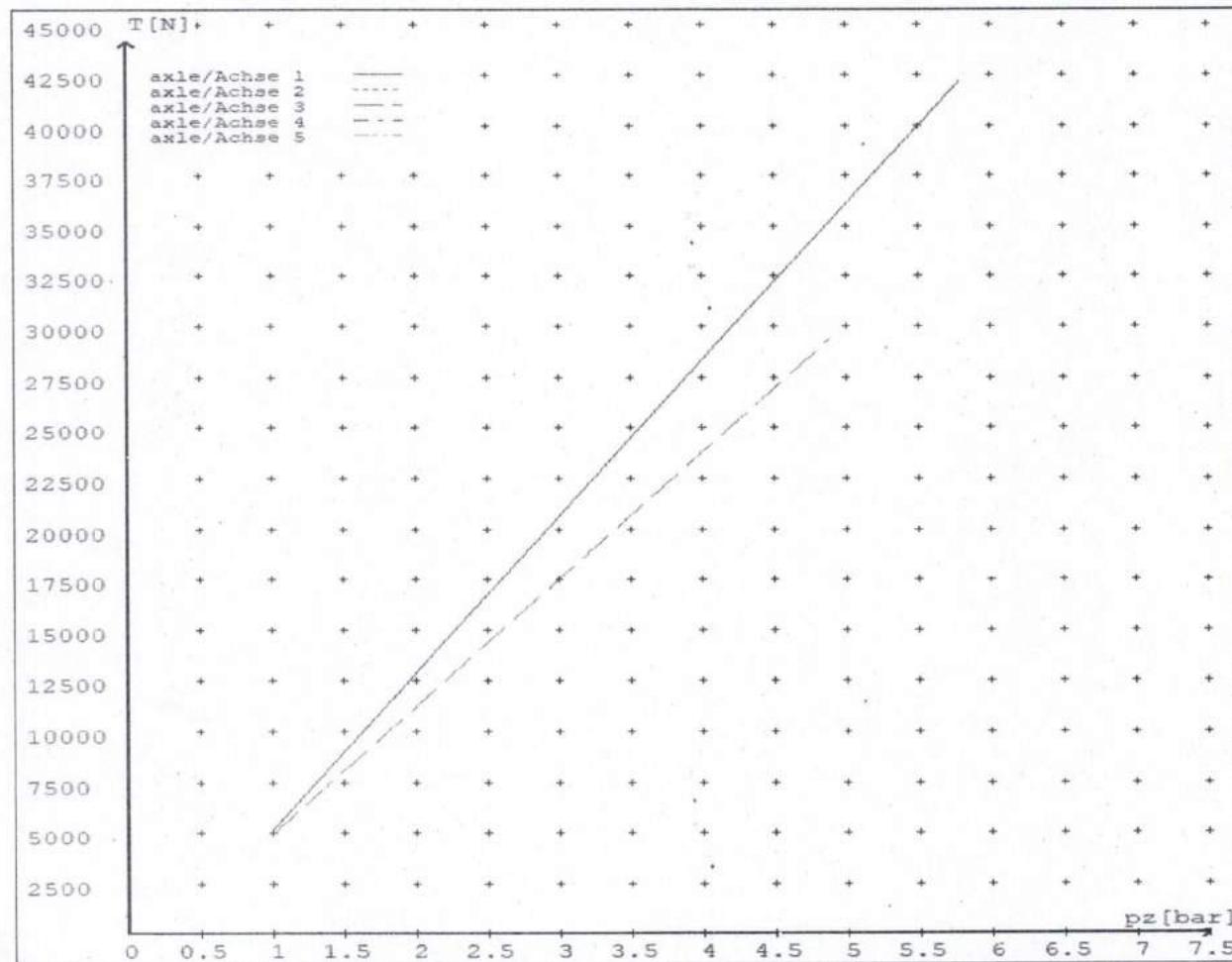
reference values

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

	pz [bar]	T [N]	T [N]
axle 1	1.0	5053	
	5.8	42174	
axle 2	1.0	5053	
	5.8	42174	
axle 3	1.0		4860
	4.9		29390
axle 4	1.0		4860
	4.9		29390
axle 5	1.0		4860
	4.9		29390

VIN - no.:

	Axe(s) / Achse(n)				
brake cylinder type (service / parking) Bremszylinder Typ (Betrieb / Fest)	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



GOUGH**Transpecs**

**HEAVY VEHICLE BRAKE RULE
32015/4 WORKSHEET
(PROCEDURE DOCUMENTATION SHEET-PDS)
&
CONFIRMATION OF COMPLIANCE**

CERTIFICATE NO.

JH180614

CUSTOMER NAME

DOMETT TRAILERS LTD

CUSTOMER ORDER NO.

*5380

DATE RECEIVED

26-Jun-18

VEHICLE TYPE

PLATFORM

VIN/ CHASSIS NO.

7A9E15016J1023708

BRIEF SPECIFICATION AS CERTIFIED TO SCHEDULE 5

BRAKE VALVES	MAKE	TYPE
PRIMARY RELAY	WABCO	480 102 08. 0
SECONDARY RELAY	WABCO	480 207 202 0
YARD RELEASE VALVE	WABCO	971 002 900 0
PARK BRAKE VALVE	WABCO	971 002 900 0
SUSP. VALVES [WABCO]	FRONT	REAR
CONTROL	441 044 101 0	N/A
DISTANCE SENSOR	464 008 011 0	464 008 011 0

OTHER VALVES:

MAKE:	WABCO	TYPE:	461 513 002 0	SETTING:	5.5 Bar
MAKE:		TYPE:		SETTING:	
MAKE:		TYPE:		SETTING:	
MAKE:		TYPE:		SETTING:	

<u>BRAKE CHAMBERS:</u>	<u>AXLE 1 & 2</u>	<u>AXLE 3 & 4</u>	<u>AXLE 5</u>
MAKE	TSE	TSE	TSE
SIZE	20HSCLD65	1416HTLD64	14HSCLD64
MAX STROKE (mm)	65	64	64
SLACK LENGTH (mm)	69	69	69
<u>DRUM TYPE:</u>	N/A	N/A	N/A
		OR	
<u>BRAKE CALIPER:</u>	SBW1937	SBW1937	SBW1937
<u>FRICITION MATERIAL:</u>	<input checked="" type="checkbox"/> OEM	<input type="checkbox"/> AFTERMARKET	
<u>LINING BRAND</u>	<u>AXLE 1 & 2</u>	<u>AXLE 3 & 4</u>	<u>AXLE 5</u>
	JURID 539	JURID 539	JURID 539
<u>OTHERS:</u>			
TYRES:	FRONT 265 70 R 19.5	REAR 265 70 R 19.5	
<u>BRAKE CALCULATION #:</u>	TP51716		

COMMENTS:

EBS, SPECIAL CONDITIONS APPLY. SEE INSTRUCTIONS ON LT400 # **(CJC)**

SALES ORDER #: SO1105122 **PROCESS TIME:** 1 HOUR

TRAILERS EQUIPPED WITH PREV: THE PARK BRAKE PERFORMANCE MUST BE

MEASURED BY PULLING THE RED ACTUATION KNOB ON THE PREV VALVE WHEN

THE AXLES - EQUIPPED WITH SPRING BRAKES - ARE IN THE BRAKE ROLLERS. THE

PARK BRAKE IN THE CAB MUST NOT BE APPLIED.

NOTES:

CHAMBERS & PARK BRAKE PERFORMANCE:

PARK PERFORMANCE FOR: TP51716 $z = 0.289 @ 96377N FPR 35,200\text{ Kgs GVM}$

FRONT FRICTION (μ) = 0.48

CONFORMATION OF COMPLIANCE

I CONFIRM THAT THE VEHICLE IDENTIFIED IN PAGES 1 AND 2 OF THIS CONFORMATION OF COMPLIANCE COMPLIES WITH ALL RELEVANT REQUIREMENTS OF THE CURRENT NEW ZEALAND HEAVY VEHICLE BRAKE RULE 32015/4, SCHEDULE 5.

DATE: 26-Jun-18

SIGNED: (pp)

NAME & ID: J HIRST (JEH)

PHONE (BUS): 09 980 7300

FAX (BUS) 09 980 7306

POSTAL ADDRESS: TRANSPORT SPECIALTIES LTD
PO BOX 98-971,
MANUKAU CITY,
MANUKAU 2241

POSITION: BRAKE CERTIFIER HVEK

I CONFIRM THE BRAKE SYSTEM OF THE VEHICLE IDENTIFIED IN PAGE 1 OF THIS STATEMENT OF COMPLIANCE AS MODIFIED BY MYSELF, CONTINUES TO COMPLY WITH ALL THE RELIANT REQUIREMENTS OF THE CURRENT NEW ZEALAND HEAVY BRAKE RULE 32015/4 SCHEDULE 5.

DATE: SIGNED:

NAME:

CERTIFIERS ID: POSITION:

PHONE (BUS): FAX (BUS):

COMMENTS:

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 32015/4.

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 32015/4. 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

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(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 32015/4, 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.

(p.p.)
JE Hirst
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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 32015/4.

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.

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