

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
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Vehicle registration (optional)	VIN/chassis number 7A9E20017H1023677										
Make DOMETT TRAILERS	Component being certified: <table border="0"> <tr> <td><input type="checkbox"/> Chassis</td> <td><input type="checkbox"/> Load anchorage</td> </tr> <tr> <td><input type="checkbox"/> Log bolsters</td> <td><input checked="" type="checkbox"/> Brakes</td> </tr> <tr> <td><input type="checkbox"/> SRT</td> <td><input type="checkbox"/> PSV stability</td> </tr> <tr> <td><input type="checkbox"/> Swept path</td> <td><input type="checkbox"/> PSV rollover</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PBS</td> </tr> </table>	<input type="checkbox"/> Chassis	<input type="checkbox"/> Load anchorage	<input type="checkbox"/> Log bolsters	<input checked="" type="checkbox"/> Brakes	<input type="checkbox"/> SRT	<input type="checkbox"/> PSV stability	<input type="checkbox"/> Swept path	<input type="checkbox"/> PSV rollover		<input type="checkbox"/> PBS
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<input type="checkbox"/> Swept path	<input type="checkbox"/> PSV rollover										
	<input type="checkbox"/> PBS										
Model (optional)											
Certification category HVEK											

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) 32 Tonnes GVM
General drawing number(s) N/A	35 Tonnes (Group ratings)

Supporting documents

BRAKE CODE CERTIFICATE JH171222

BRAKE CALCULATION # TP51606

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)
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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)

Inspector's signature

Inspector's name (PRINT IN CAPS) ID number
CHRIS CLARKE CJC

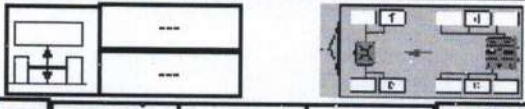
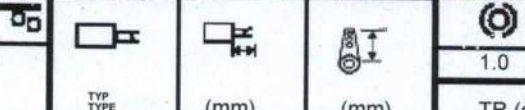
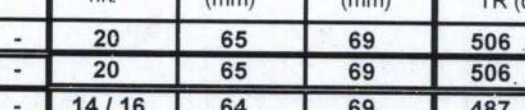
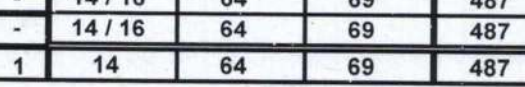
Date Number
15-Dec-17 618182

CoF vehicle inspector ID	CoF vehicle inspector signature	Date
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All fields are mandatory unless otherwise stated.

WABCO START-UP LOG

System	Trailer EBS-E	WABCO part number	480 102 084 0
Production date	2017-07-21	Serial number	437003952000D
Serial number (modulator)	000000002852		
Fingerprint Customer EOL / Customer Development / Flash Program	W503643 / 2017-12-15 ; 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		G10	
TYP TYPE		5AFT CURTAINSIDE		Pin1	
VEHICLE IDENT. NUMBER CHASSIS NUMBER NUMERO DE CHASSIS		7A9E20017H1023677		Pin3	
BREMSBERECHNUNGS-NR. BRAKE CALCULATION NO. CALCUL DE FREINAGE NO.		TP51606A		Pin4	
POLRADZAHNEZAHL c-d e-f POLE WHEEL TEETH c-d e-f DENTS ROUE DENTEE c-d e-f		90	90	ABS-system ABS-system Systeme ABS	4S/3M
RSS RSS RSS	Einfachbereitung Single Tire Monte simple		Lenkachse Steering axle Essie, vireur		
	Zwillingsbereitung Twin Tire Monte jumelée	X	Kippkritisches Fahrzeug Critical Trailer Véhicule critique		
Subsystems		SB	I/O	24N	
					
					
					
					

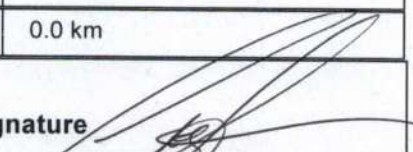
ACHSE AXLE ESSEU	pm (bar)			pm (bar)			---			pz		TYP TYPE	(mm)	(mm)	(bar)	
	1.0	0.7	2.3	8000	5.1	0.4	1.5	---	5.9	---	---				1.0	Pz
1	1600	0.7	2.3	8000	5.1	0.4	1.5	---	5.9	-	20	65	69	506	4309	
2	1600	0.7	2.3	8000	5.1	0.4	1.5	---	5.9	-	20	65	69	506	4309	
3	1300	0.5	2.0	6400	4.0	0.3	1.6	---	4.8	-	14 / 16	64	69	487	2885	
4	1300	0.5	2.0	6400	4.0	0.3	1.6	---	4.8	-	14 / 16	64	69	487	2885	
5	1300	0.5	2.0	6400	4.0	0.3	1.6	---	4.8	1	14	64	69	487	2885	

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	7A9E20017H1023677
Vehicle type	5AFT CURTAINSIDE	Odometer reading	0.0 km
next Service	0 km	Trip reading	0.0 km
Tester	Chris Clarke		
Date	2017-12-15 1:20:51 p.m.		

Signature

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

distribution: DOMETT TRAILERS
 7A9E20017H1023677
 SODC: JH171222
 LT400: CJC 618182

please note!

This brake calculation is made under consideration of
 -the legal precriptions 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 commend to do a braking harmonisation!
 WABCOBrake V6.14.04.20 db 20.04.2016

vehicle manufacturer: DOMETT TRAILERS
 trailer model : 5AFT CURTAINSIDE
 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	7100	35200
axle 1	P1 in kg	1600	8000
axle 2	P2 in kg	1600	8000
axle 3	P3 in kg	1300	6400
axle 4	P4 in kg	1300	6400
axle 5	P5 in kg	1300	6400
wheel base	E in mm	7220 - 7700	
centre of gravity height	h in mm	1090	2089

	<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 K D Z	2	2	2	2	2
The power output corresponds to brake chamber manufacturer	BZ 122.1 Meritor	BZ 122.1 Meritor	BZ 119.6 Meritor	BZ 119.6 Meritor	BZ 122.1 Meritor
chamber size	20.	20.	T.14/24	T.14/24	14.
lever length lbh 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	5.9	5.9	4.8	4.8	4.8
piston force ThA at pm6,5bar N	6825	6825	4586	4586	4586
brake force(rdyn min)T lad. at pm6,5bar N	51709	51709	34628	34628	34628
brake force(rdyn max)T lad. at pm6,5bar N	51709	51709	34628	34628	34628
brake force within 1 % rolling friction proportion %	22.3	22.3	18.5	18.5	18.5

braking rate z laden 0.600 for rdyn min
 z = sum (TR)/PRmax 0.600 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:

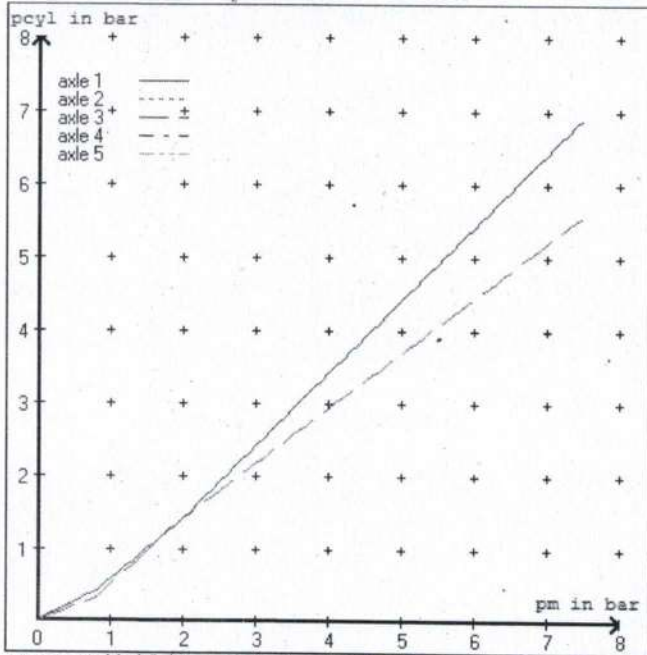
valve 1: 971 002 ... 0 WABCO
 EBS emergency valve

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

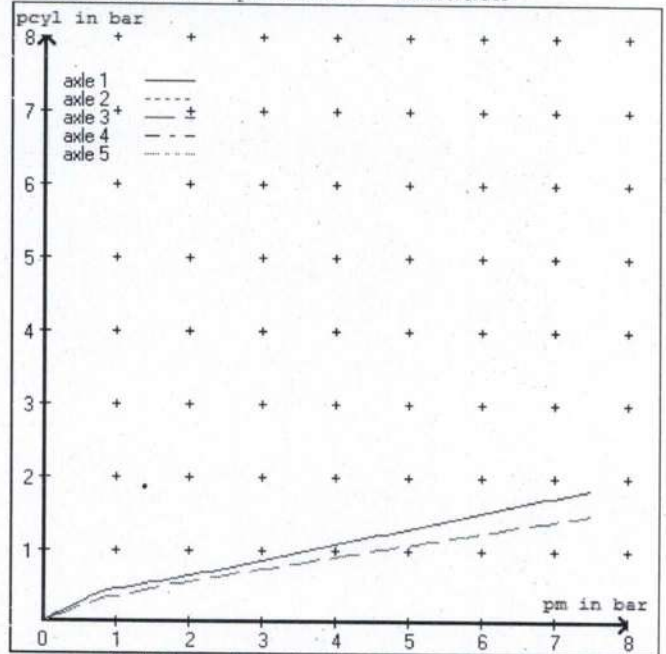
brake cylinder: Meritor 14HSCLD64

test type III (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	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	0.8

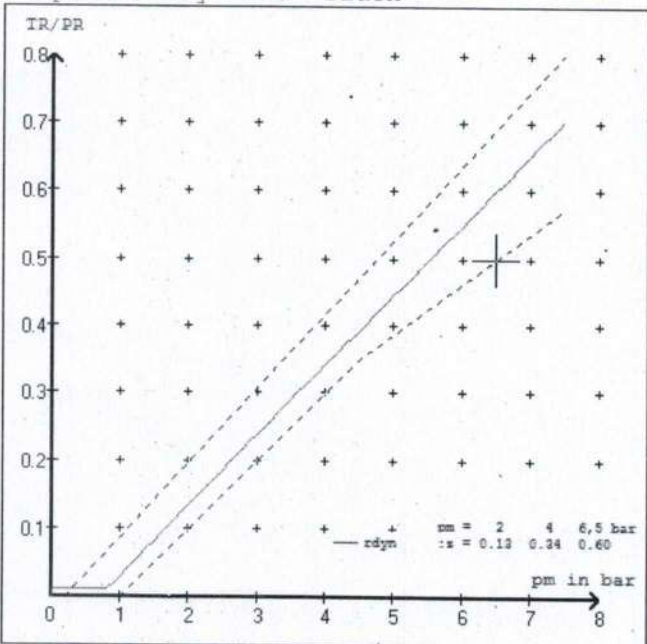
brake chamber pressure laden



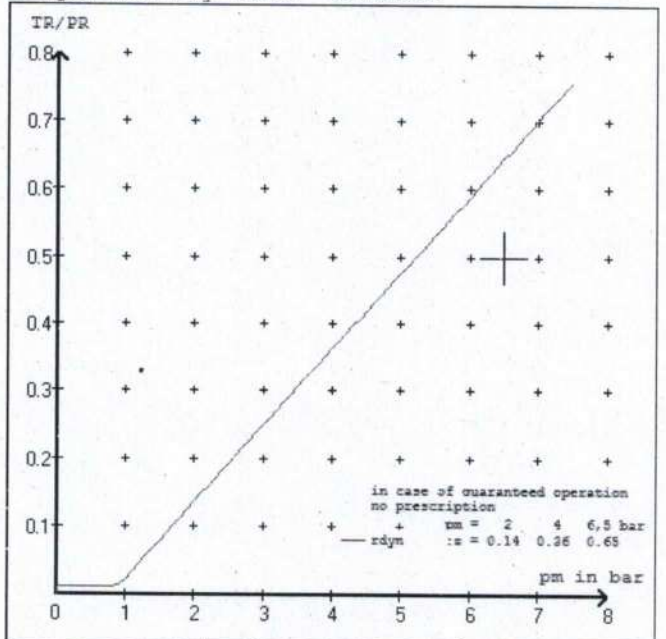
brake chamber pressure unladen



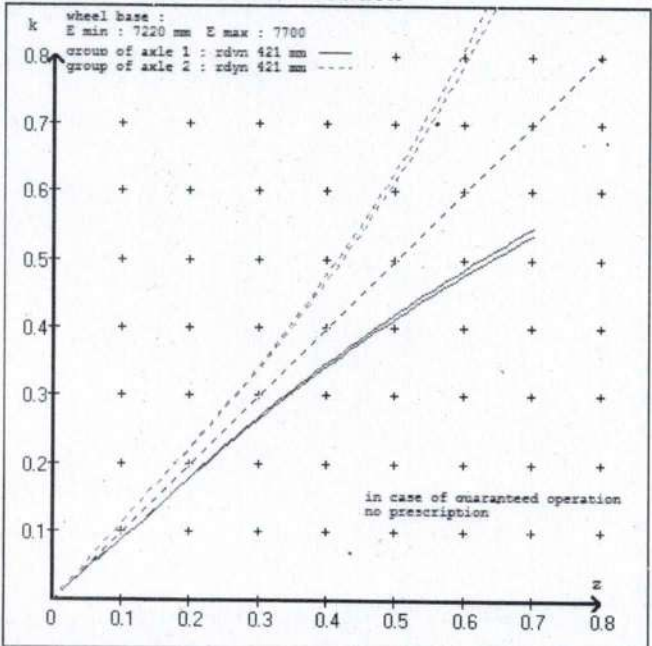
compatibility band laden



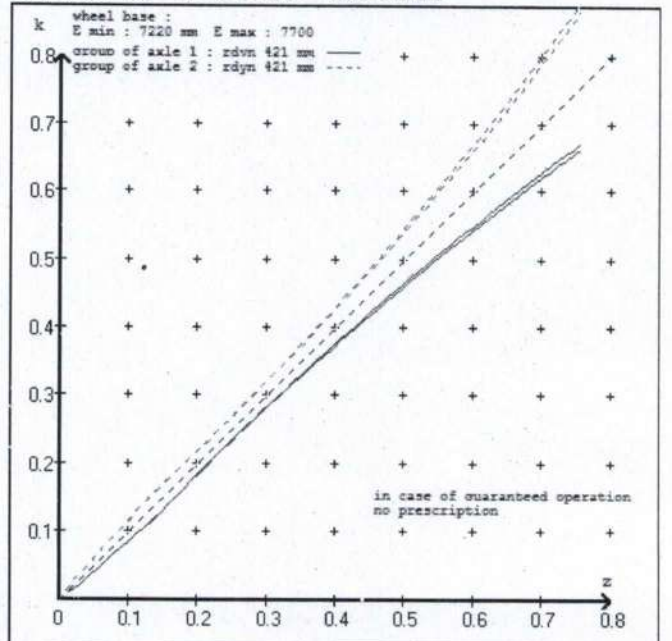
compatibility band unladen



curves of friction laden



curves of friction unladen



vehicle manufacturer: DOMETT TRAILERS
 trailer model : 5AFT 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 : 5AFT CURTAINSIDE
 trailer type : 5-axle-full-trailer
 brake calculation no. : TP 51606A

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			0.6	2.0	6.5
axle	axle load unladen	bellow pr. unladen	brake pr. unladen	axle load laden .	bellow pr. laden	brake pr. laden			
1	1600	to be	2.3	8000	to be	0.4	1.5	5.9	
2	1600	entered by the vehicle manufact.	2.3	8000	entered by the vehicle manufact.	0.4	1.5	5.9	
3	1300		2.0	6400		0.3	1.6	4.8	
4	1300		2.0	6400		0.3	1.6	4.8	
5	1300		2.0	6400		0.3	1.6	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 pcyl	axle load pcyl	axle load pcyl	axle load pcyl	axle load pcyl
1600 1.6	1600 1.6	1300 1.3	1300 1.3	1300 1.3
2100 1.9	2100 1.9	1800 1.6	1800 1.6	1800 1.6
2600 2.3	2600 2.3	2300 2.0	2300 2.0	2300 2.0
3100 2.6	3100 2.6	2800 2.3	2800 2.3	2800 2.3
3600 2.9	3600 2.9	3300 2.7	3300 2.7	3300 2.7
4100 3.3	4100 3.3	3800 3.0	3800 3.0	3800 3.0
4600 3.6	4600 3.6	4300 3.4	4300 3.4	4300 3.4
5100 4.0	5100 4.0	4800 3.7	4800 3.7	4800 3.7
8000 5.9	8000 5.9	6400 4.8	6400 4.8	6400 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 = 24.7 % Fe
axle 2	(rdyn 421 mm)	T = 24.7 % Fe
axle 3	(rdyn 421 mm)	T = 18.0 % Fe
axle 4	(rdyn 421 mm)	T = 18.0 % Fe
axle 5	(rdyn 421 mm)	T = 18.0 % 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 = 27103 N
axle 4	(rdyn 421 mm)	T = 27103 N
axle 5	(rdyn 421 mm)	T = 27103 N

basic test	type III
of subject	(calculated)
trailer (E)	residual
	(hot)braking
	0.47

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

0.60

>= 0,4 and
>= 0,6*E (0.36)

required braking rate
(items 1.5.3 and 1.7.2 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 = 27103 N
axle 4	(rdyn 421 mm)	T = 27103 N
axle 5	(rdyn 421 mm)	T = 27103 N

basic test	type III
of subject	(calculated)
trailer (E)	residual
	(hot)braking
	0.47

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

0.60

>= 0,4 and
>= 0,6*E (0.36)

required braking rate
(items 1.5.3 and 1.7.2 to annex 11)

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	6200	6200
sp.brake chamber no Meritor.....	4	4
release pressure pLs in bar	4.5	4.5

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	
$zf = \text{sum}(Tf) / P + 0,01$		

Test of the frictional connection required by the parking brake

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

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

$$\text{min Ef} = 5521 \text{ mm} \quad \text{for } E = 7220 \text{ mm}$$

$$\text{min Ef} = 5851 \text{ mm} \quad \text{for } E = 7700 \text{ mm}$$

min Ef = minimum distance between front axle(s) (trailer) or support (semitraile) 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 = 2089 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)

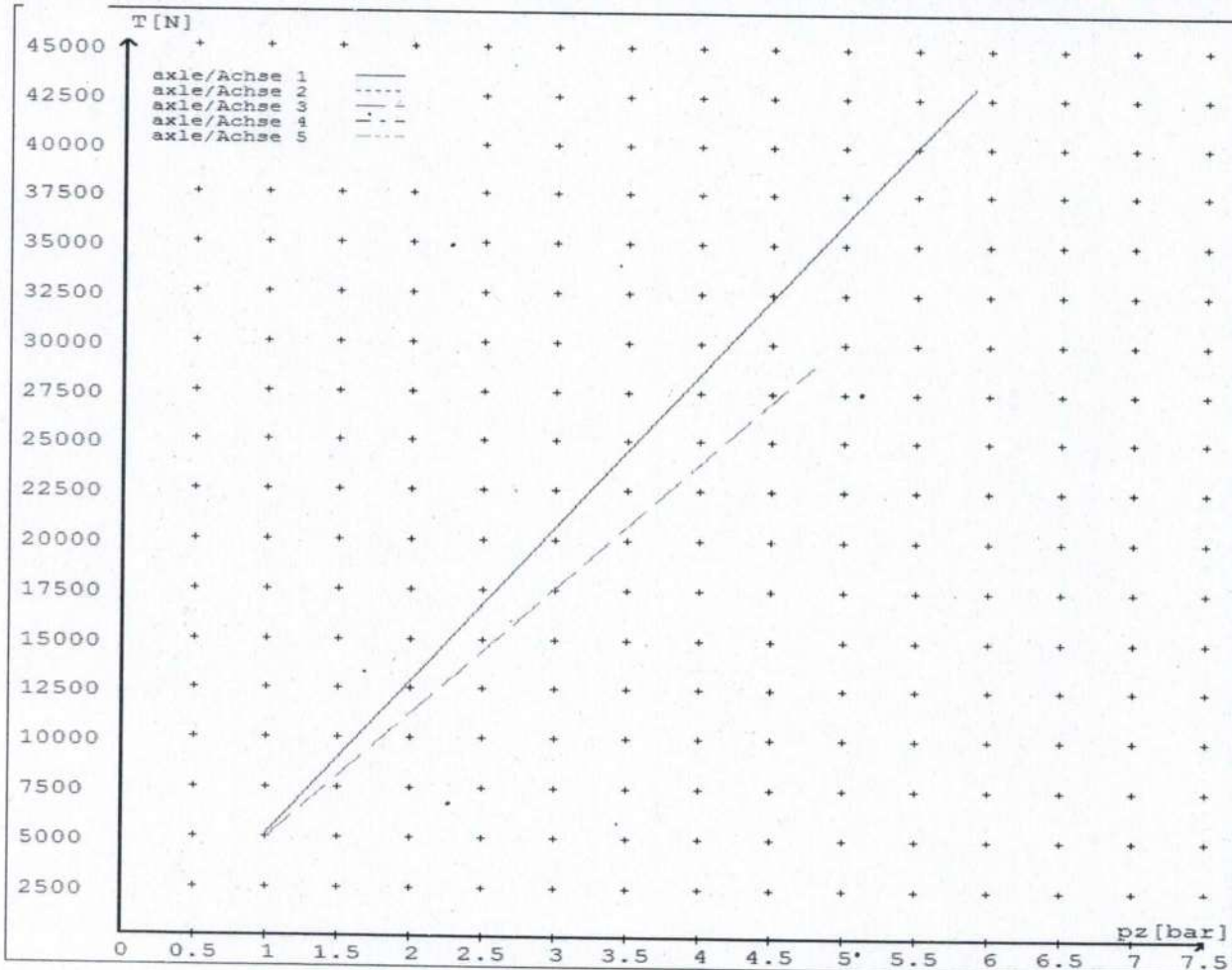
reference values

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

	pz [bar]	T [N]	T [N]
axle 1	1.0	5070	
	5.9	43091	
axle 2	1.0	5070	
	5.9	43091	
axle 3	1.0		4876
	4.8		28857
axle 4	1.0		4876
	4.8		28857
axle 5	1.0		4876
	4.8		28857

VIN - no.:

	Axle(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



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

(D.P.).....
(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.)
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 32015/4.

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.


(p.p.)
J.E. Hirst
(JEH HVEK)
(09 980 7300)

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

CERTIFICATE NO. JH171222

CUSTOMER NAME DOMETT TRAILERS LTD

CUSTOMER ORDER NO. 4957 DATE RECEIVED 15-Dec-17

VEHICLE TYPE CURTAINSIDE

VIN/ CHASSIS NO. 7A9E20017H1023677

BRIEF SPECIFICATION AS CERTIFIED TO SCHEDULE 5

<u>BRAKE VALVES</u>	<u>MAKE</u>	<u>TYPE</u>
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
<u>SUSP. VALVES [WABCO]</u>	<u>FRONT</u>	<u>REAR</u>
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:	WABCO	TYPE:	463 084 050 0	SETTING:	12V LACV
MAKE:	_____	TYPE:	_____	SETTING:	_____
MAKE:	_____	TYPE:	_____	SETTING:	_____

BRAKE CHAMBERS:

	AXLE 1 & 2	AXLE 3 & 4	AXLE 5
MAKE	TSE	TSE	TSE
SIZE	20HSCLD65	1416HTLD64	14HSCLD64
MAX STROKE (mm)	65	64	64
SLACK LENGTH (mm)	69	69	69

DRUM TYPE:

N/A N/A N/A

OR

BRAKE CALIPER:

SBW1937 SBW1937 SBW1937

FRICTION MATERIAL:

OEM

AFTERMARKET

LINING BRAND

AXLE 1 & 2

AXLE 3 & 4

AXLE 5

JURID 539 JURID 539 JURID 539

OTHERS:

TYRES:

FRONT

REAR

265 70 R 19.5

265 70 R 19.5

BRAKE CALCULATION #:

TP51606

COMMENTS:

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

SALES ORDER #: SO972879 **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:

REFER TO BRAKE CALCULATION TP51606: z = 0.289 @96377 (N)

FRONT FRICTION (μ) = 0.48

THRESHOLDS MODIFIED TO SUIT N.AMERICAN PRIME MOVER.

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: 15-Dec-17

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 RELIVANT REQUIREMENTS OF THE CURRENT NEW ZEALAND HEAVY BRAKE RULE 32015/4 SCHEDULE 5.

DATE:

SIGNED:

NAME:

CERTIFIERS ID:

POSITION:

PHONE (BUS):

FAX (BUS):

COMMENTS:
