

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name <small>(PRINT IN CAPS)</small>	ID
<b>CHRIS CLARKE</b>	<b>CJC</b>

Vehicle registration <small>(optional)</small>	VIN/chassis number
	<b>7A9E15010K1023852</b>
Make	Component being certified:
<b>DOMETT</b>	<input type="checkbox"/> Chassis <input type="checkbox"/> Load anchorage
Model <small>(optional)</small>	<input type="checkbox"/> Log bolsters <input type="checkbox"/> Towing connection <input checked="" type="checkbox"/> Brakes
Certification category	<input type="checkbox"/> SRT <input type="checkbox"/> PSV stability <input type="checkbox"/> PSV rollover
<b>HVEK</b>	<input type="checkbox"/> Swept path <input type="checkbox"/> PBS

Description of work

**CERTIFY TO SCHEDULE 5 OF LTR 32015/4**

**NEW ZEALAND HEAVY VEHICLE BRAKE SPECIFICATION.**

**5AFT PLATFORM** **RSS ON TYRE: 265 70 R19.5**

Code/standard/rule certified to	Component load rating(s)
<b>LTR 32015/4</b>	<b>30 Tonnes GVM</b>
General drawing number(s)	<b>35 Tonnes (Group ratings)</b>
<b>N/A</b>	

Supporting documents

**BRAKE RULE CERTIFICATE JH190610**

**BRAKE CALCULATION # TP51924**

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 <small>(if applicable)</small>	or	Hubodometer reading <small>(whichever comes first)</small>
<b>N/A [UNLESS MODIFIED]</b>		<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

**14-Jun-19** **706347**

CoF vehicle inspector ID <small>(if applicable)</small>	CoF vehicle inspector signature <small>(if applicable)</small>	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	2018-11-12	Serial number	437006379700A
Serial number (modulator)	000000506741		
Fingerprint Customer EOL / Customer Development / Flash Program	W503643 / 2019-06-14 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00		

## WABCO

## TRAILER EBS-E

GGVS/ADR TUEH TB 2007 - 019.00  
TDB0855

HERSTELLER MANUFACTURER CONSTRUCTEUR	DOMETT TRAILERS			GIO	Pin1	Pin3	Pin4
TYP TYPE TYPE	5AFT PLATFORM			1	24V-O1	---	---
VEHICLE IDENT. NUMBER CHASSIS NUMBER NUMERO DE CHASSIS	7A9E15010K1023852			2	---	---	ILS1
BREMSBERECHNUNGS-NR. BRAKE CALCULATION NO. CALCUL DE FREINAGE NO.	TP51924A			3	ALS2	ALS2	---
POLRADZAHNEZAHN c-d   e-f POLE WHEEL TEETH c-d   e-f DENTS ROUE DENTÉE c-d   e-f	80	80	ABS-System ABS-System Système ABS	4	---	---	---
			4S/3M	5	DIAG	DIAG	DIAG
RSS RSS RSS	Einfachbereitung Single Tire Monte simple		Lenkachse Steering axle Essieu virer	6	---	---	---
	Zwillingsbereitung Twin Tire Monte jumelle	X	Kippkritisches Fahrzeug Critical Trailer Véhicule critique	7	---	---	---
Subsystems	SB	I/O	24N				

ACHSE AXLE ESSIEU	pm (bar)		6.5		pm (bar)		0.7		2.0		---		6.5		TYP TYPE	(mm)	(mm)	(bar)	
	1.0	Pz	TR (daN)	1.0	Pz	TR (daN)	1.0	Pz	TR (daN)	1.0	Pz	TR (daN)	1.0	Pz				TR (daN)	
1	1400	0.5	1.8	8000	4.7	0.3	1.2	---	5.8	-	24	75	150	621	4522				
2	1400	0.5	1.8	8000	4.7	0.3	1.2	---	5.8	-	24	75	150	621	4522				
3	1200	0.4	1.5	6350	3.6	0.3	1.4	---	4.2	-	24 / 30	64	127	577	2720				
4	1200	0.4	1.5	6350	3.6	0.3	1.4	---	4.2	-	24 / 30	64	127	577	2720				
5	1200	0.4	1.5	6350	3.6	0.3	1.4	---	4.2	1	24 / 30	64	127	577	2720				

### 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	7A9E15010K1023852
Vehicle type	5AFT PLATFORM	Odometer reading	0.0 km
next Service	0 km	Trip reading	0.0 km
Tester	Chris Clarke	Signature	
Date	2019-06-14 7:22:21 AM		

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

distribution: DOMETT TRAILERS  
 7A9E15010K1023852  
 SODC: JH190610  
 LT400: CJC 706347

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 03.11.2017

vehicle manufacturer: DOMETT TRAILERS  
 trailer model : 5AFT PLATFORM  
 trailer type : 5-axle-full-trailer  
 remarks : air / hydraulic / VA suspension  
 WABCO TRAILER - EBS E  
 TRISTOP 3+4+5: 24/30  
 265/70 R 19,5

axle 1 + 2 + 3 + 4 + 5 : Assali Stefen, B (350x200), TDB 0855 ECE,

		<u>unladen</u>	<u>laden</u>
total mass	P in kg	6400	35050
axle 1	P1 in kg	1400	8000
axle 2	P2 in kg	1400	8000
axle 3	P3 in kg	1200	6350
axle 4	P4 in kg	1200	6350
axle 5	P5 in kg	1200	6350
wheel base	E in mm	6600 - 6800	
centre of gravity height	h in mm	750	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	2	2	2	2	2
The power output corresponds to	BC 0069.2BC	BC 0069.2BC	0051.0BC	0051.0BC	0051.0
brake chamber manufacturer	BPW	BPW	WABCO	WABCO	WABCO
chamber size	24.	24.	24/30	24/30	24/30
lever length	150	150	127	127	127
brake factor	9.10	9.10	9.10	9.10	9.10
dyn. rolling radius	421	421	421	421	421
dyn. rolling radius	421	421	421	421	421
threshold torque	8.0	8.0	8.0	8.0	8.0

calculation:

chamber pressure(rdyn min)pH at z=22,5%bar	2.0	2.0	1.9	1.9	1.9
chamber pressure(rdyn max)pH at z=22,5%bar	2.0	2.0	1.9	1.9	1.9
chamber press.(servo)pcha at pm6,5bar bar	5.8	5.8	4.2	4.2	4.2
piston force ThA at pm6,5bar N	8329	8329	5915	5915	5915
brake force(rdyn min)T lad. at pm6,5bar N	54450	54450	32750	32750	32750
brake force(rdyn max)T lad. at pm6,5bar N	54450	54450	32750	32750	32750
brake force within 1 % rolling friction proportion	22.2	22.2	18.6	18.6	18.6

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: BPW 05.444.15...

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: BPW 05.444.15...

axle 3:

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

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

brake cylinder: WABCO 925 376 005 0 / 925 376 2.. 0

## axle 4:

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

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

brake cylinder: WABCO 925 376 005 0 / 925 376 2.. 0

## axle 5:

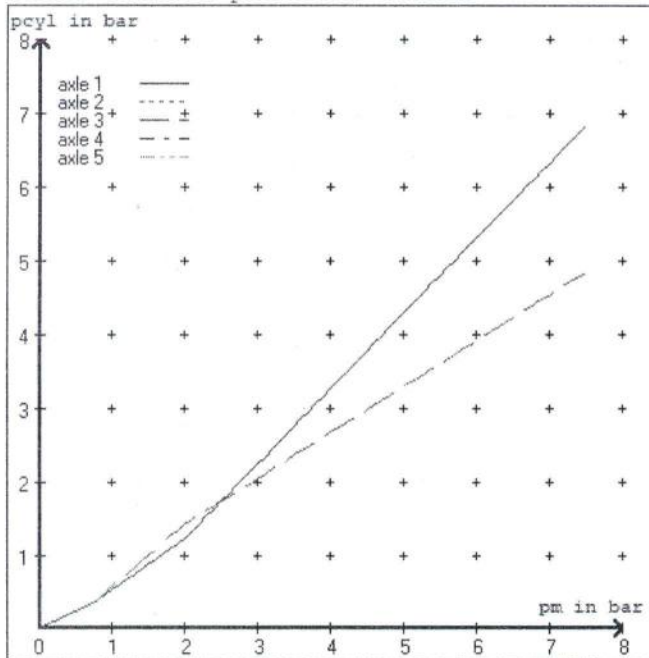
valve 1: 971 002 ... 0                   WABCO  
          EBS emergency valve

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

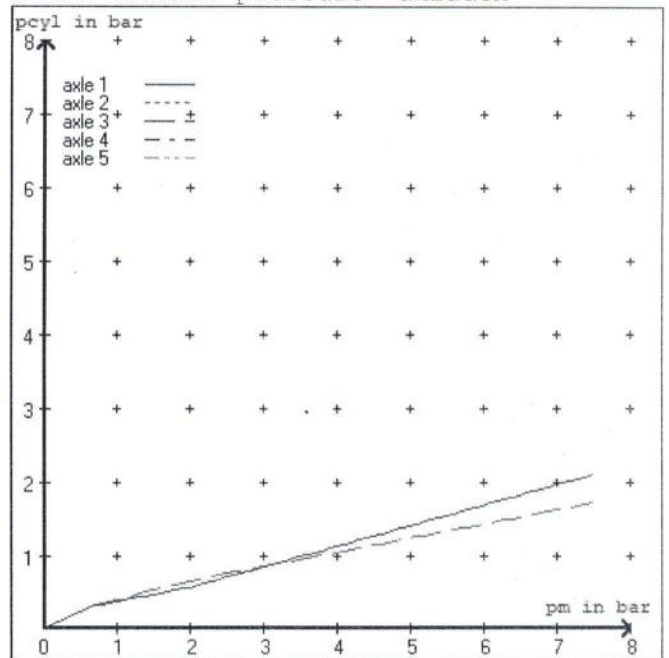
brake cylinder: WABCO 925 376 005 0 / 925 376 2.. 0

test type III (zIII = 0.30)	for rdyn min :	axle1	axle2	axle3	axle4	axle5	
at pm 3.5 bar =>	pcha in bar :	2.8	2.8	2.4	2.4	2.4	2.4
test type III (zIII = 0.06)	for rdyn min :	axle1	axle2	axle3	axle4	axle5	
at pm 1.2 bar =>	pcha in bar :	0.6	0.6	0.7	0.7	0.7	0.7

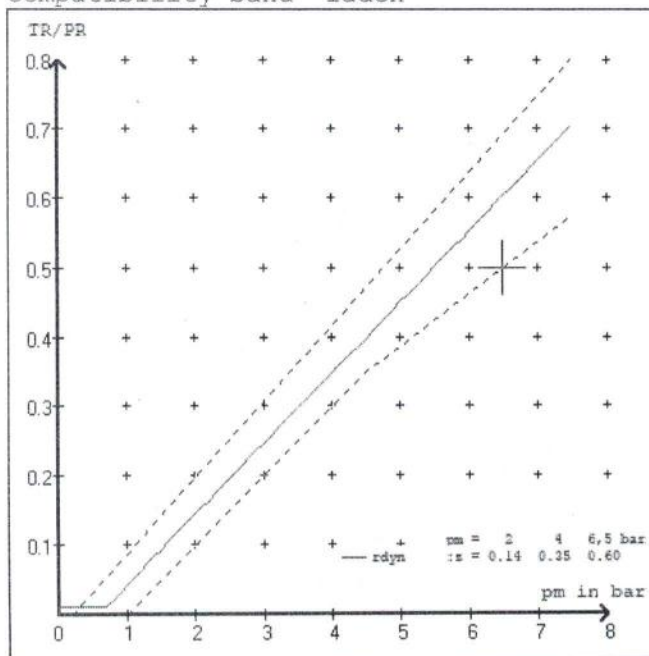
brake chamber pressure laden



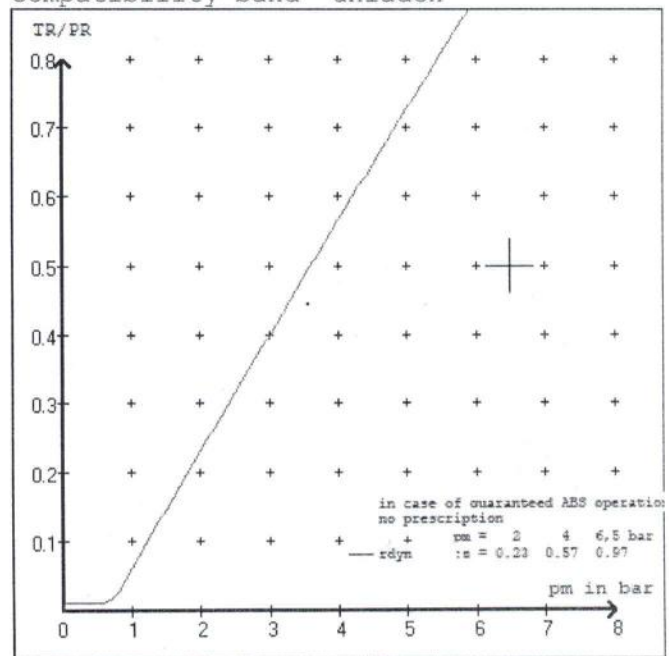
brake chamber pressure unladen



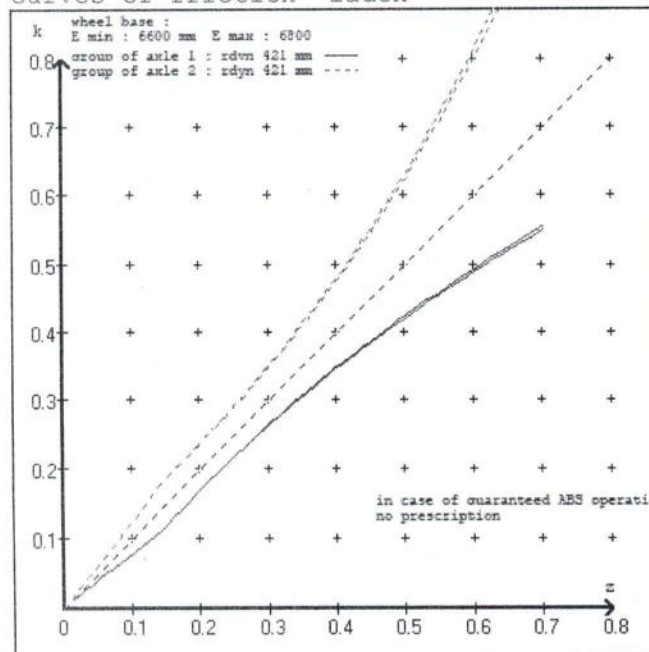
compatibility band laden



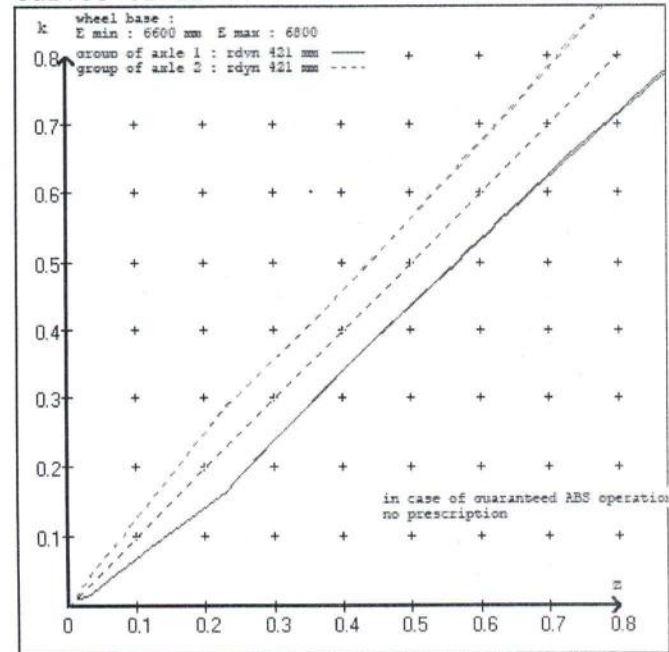
compatibility band unladen



curves of friction laden



curves of friction unladen



vehicle manufacturer: DOMETT TRAILERS  
 trailer model : 5AFT PLATFORM  
 trailer type : 5-axle-full-trailer

brake chamber and lever length :

axle 1 : 2 x type/diameter 24. (BPW) lever length 150 mm  
 axle 2 : 2 x type/diameter 24. (BPW) lever length 150 mm  
 axle 3 : 2 x type/diameter 24/30 (WABCO) lever length 127 mm  
 axle 4 : 2 x type/diameter 24/30 (WABCO) lever length 127 mm  
 axle 5 : 2 x type/diameter 24/30 (WABCO) lever length 127 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 PLATFORM  
 trailer type : 5-axle-full-trailer  
 brake calculation no. : TP 51924A

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  
 (laden condition) 2.0 bar z = 0.142  
 6.5 bar z = 0.600

control pressure pm			6,5	control pressure pm			0.7	2.0	6.5
axle	axle load unladen	bellow pr. unladen	brake pr. unladen	axle load laden	bellow pr. laden	brake pr. laden			
1	1400	to be	1.8	8000	to be	0.3	1.2	5.8	
2	1400	entered by	1.8	8000	entered by	0.3	1.2	5.8	
3	1200	the vehicle	1.5	6350	the vehicle	0.3	1.4	4.2	
4	1200	manufact.	1.5	6350	manufact.	0.3	1.4	4.2	
5	1200		1.5	6350		0.3	1.4	4.2	

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.

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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
1400 1.8	1400 1.8	1200 1.5	1200 1.5	1200 1.5
1900 2.1	1900 2.1	1700 1.8	1700 1.8	1700 1.8
2400 2.4	2400 2.4	2200 2.0	2200 2.0	2200 2.0
2900 2.7	2900 2.7	2700 2.3	2700 2.3	2700 2.3
3400 3.0	3400 3.0	3200 2.5	3200 2.5	3200 2.5
3900 3.3	3900 3.3	3700 2.8	3700 2.8	3700 2.8
4400 3.6	4400 3.6	4200 3.1	4200 3.1	4200 3.1
4900 3.9	4900 3.9	4700 3.3	4700 3.3	4700 3.3
8000 5.8	8000 5.8	6350 4.2	6350 4.2	6350 4.2

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

axle 1 : reference axle: Assali StefTM / LM / LCen	brake lining: ROR 685 AF
test report : TDB 0855 ECE	date : 20110721
axle 2 : reference axle: Assali StefTM / LM / LCen	brake lining: ROR 685 AF
test report : TDB 0855 ECE	date : 20110721
axle 3 : reference axle: Assali StefTM / LM / LCen	brake lining: ROR 685 AF
test report : TDB 0855 ECE	date : 20110721
axle 4 : reference axle: Assali StefTM / LM / LCen	brake lining: ROR 685 AF
test report : TDB 0855 ECE	date : 20110721
axle 5 : reference axle: Assali StefTM / LM / LCen	brake lining: ROR 685 AF
test report : TDB 0855 ECE	date : 20110721

calc. verific. of residual (hot) braking force type III  
(item 4.2.1 of appendix 2 to annex 11)

axle 1	(rdyn 421 mm)	T = 24.0 % Fe
axle 2	(rdyn 421 mm)	T = 24.0 % Fe
axle 3	(rdyn 421 mm)	T = 17.3 % Fe
axle 4	(rdyn 421 mm)	T = 17.3 % Fe
axle 5	(rdyn 421 mm)	T = 17.3 % Fe

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

axle 1	(sp = 73 mm)	s = 64 mm
axle 2	(sp = 73 mm)	s = 64 mm
axle 3	(sp = 63 mm)	s = 54 mm
axle 4	(sp = 63 mm)	s = 54 mm
axle 5	(sp = 63 mm)	s = 54 mm

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

axle1	ThA = 8329 N
axle2	ThA = 8329 N
axle3	ThA = 5915 N
axle4	ThA = 5915 N
axle5	ThA = 5915 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 = 44289 N
axle 2	(rdyn 421 mm)	T = 44289 N
axle 3	(rdyn 421 mm)	T = 26571 N
axle 4	(rdyn 421 mm)	T = 26571 N
axle 5	(rdyn 421 mm)	T = 26571 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 0.49

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 = 44289 N
axle 2	(rdyn 421 mm)	T = 44289 N
axle 3	(rdyn 421 mm)	T = 26571 N
axle 4	(rdyn 421 mm)	T = 26571 N
axle 5	(rdyn 421 mm)	T = 26571 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 0.49

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	axle 5
no of TRISTOP-actuators per axle line KDZ	2	2	2
TRISTOP-actuator type	24/30	24/30	24/30
lever length                      lBh in mm	127	127	127
stat. tyre radius                    rstat max in mm	401	401	401
at a stroke of                              s            in mm	30	30	30
min. force of spring brake            TFZ in N	6360	6360	6360
sp.brake chamber no 925 ... ..	376 005 0376	005 0376	005 0
sp.brake chamber no 925 ... ..	376 2.. 0376	2.. 0376	2.. 0
release pressure                              pLs in bar	4.9	4.9	4.9

calculation:

ratio until road	2.8820	2.8820	2.8820
$iFb = lBh * \eta * C * rBt / (2 * rBn * rstat)$ for rstat in mm	401	401	401
brake force of spring br. Tf in N	36297	36297	36297
$Tf = (TFZ * KDZ - 2 * Co / lBh) * iFb$			
braking rate                              zf laden	0.327		
$zf = \sum (Tf) / P + 0,01$			

Test of the frictional connection required by the parking brake

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

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

min Ef = 4375 mm for E = 6600 mm

min Ef = 4493 mm for E = 6800 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 = 2100 mm height of center of gravity - laden
- PR = 19050 kg maximum bogie mass - laden
- P = 35050 kg maximum total mass - laden
- nf = 3 no. of axle(s) with TRISTOP spring brake actuators
- ng = 3 no. of bogie axle(s)

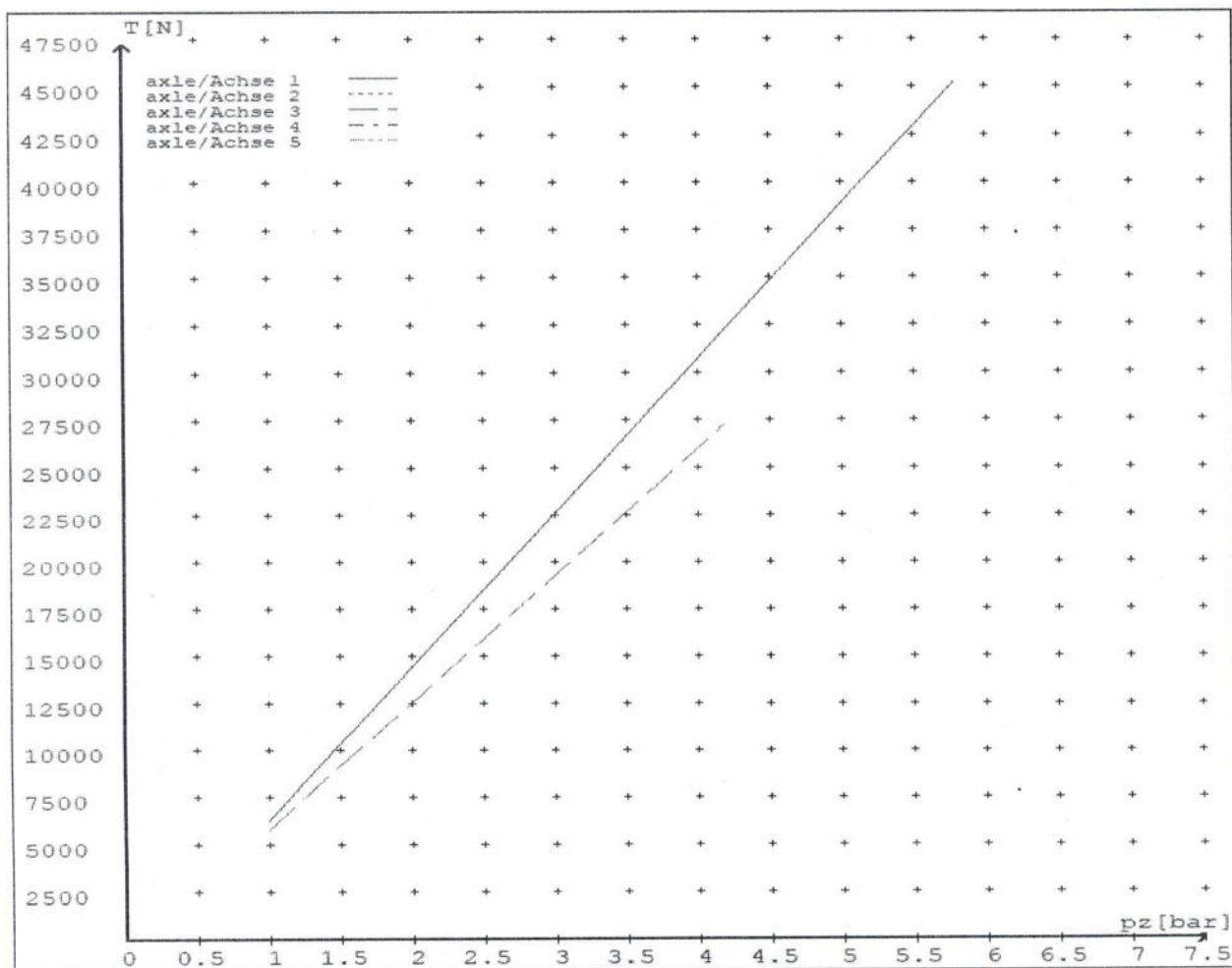
**reference values**

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

	pz [bar]	T [N]	T [N]
axle 1	1.0	6214	
	5.8	45224	
axle 2	1.0	6214	
	5.8	45224	
axle 3	1.0		5780
	4.2		27201
axle 4	1.0		5780
	4.2		27201
axle 5	1.0		5780
	4.2		27201

VIN - no.:

	Axle(s) / Achse(n)				
brake cylinder type (service / parking) Bremszylinder Typ (Betrieb / Fest)	24./	24./	24/30	24/30	24/30
Maximum stroke smax = ...mm maximaler Hub smax = ...mm	75	75	64	64	64
Lever length = ....mm Hebellänge = ....mm	150	150	127	127	127



## 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)



**NEW ZEALAND HEAVY VEHICLE BRAKE RULE 32015-4  
WORKSHEET, PROCEDURE DOCUMENTATION SHEET  
& CONFIRMATION OF COMPLIANCE**

**CLIENT**

<b>MANUFACTURER:</b>	DOMETT TRAILERS
<b>ADDRESS:</b>	TAURIKURA DRIVE, TAURANGA 3173
<b>FLEET:</b>	McLEOD HIABS LTD

**VEHICLE DETAILS**

<b>VEHICLE TYPE:</b>	SAFT PLATFORM	<b>CERT #:</b>	JH190610
<b>YEAR:</b>	2019	<b>CALCULATION #:</b>	TP51924
<b>MAKE:</b>	DOMETT	<b>REGO:</b>	N/A
<b>MODEL:</b>	E1501	<b>LT400 #:</b>	706347
<b>CHASSIS #:</b>	1852	<b>ORDER NUMBER:</b>	6476
<b>VIN #:</b>	7A9E15010K1023852		
<b>GVM: TONNES</b>	30	<b>PRIME MOVER:</b>	JAPANESE
<b>LOAD CONFIGURATION:</b>	MIXED FREIGHT		
<b>GROUP RATINGS: TONNES</b>	<b>FRONT</b>	<b>REAR</b>	
	16	19	
<b>WHEEL BASE: METRES</b>	6.68		
	<b>UNLADEN COG</b>	<b>MAX HEIGHT</b>	<b>HEIGHT DECK</b>
	0.75	4.3	1.145
<b>COG: METRES</b>	2.048		
	<b>FRONT</b>	<b>REAR</b>	<b>TOTAL</b>
<b>TARE: TONNES</b>	2.8	3.7	6.5
	<b>FRONT</b>	<b>REAR</b>	
<b>TYRE SIZE:</b>	265 70 R19.5	265 70 R19.5	
<b>ROLLING CIRCUMFERENCE: MM</b>	2645	2645	
<b>AXLE SPACING: METRES</b>	1.31	2.51	

**BRAKE & AXLE DETAILS**

	<b>MAKE</b>	<b>MODEL</b>	<b>TEST REPORT</b>
<b>AXLE:</b>	ROR_ASSALI_STEFEN	ROR-BMX	TDB 0855
<b>POLE WHEEL FRONT:</b>	80	<b>POLE WHEEL REAR:</b>	80
<b>LINING MATERIAL:</b>	ROR 6865 AF	<b>BRAKE FACTOR:</b>	9.1
<b>SENSED AXLES:</b>	2 + 4		
<b>SERIAL NUMBERS:</b>	1	N/A	
	2	N/A	
	3	N/A	
	4	N/A	
	5	N/A	

**CHAMBER AND VALVING DETAILS**

<b>CHAMBERS:</b>	<b>AXLE 1 &amp; 2</b>	<b>AXLE 3 &amp; 4</b>	<b>AXLE 5</b>
<b>BRAND:</b>	TSE_CHAMBERS	TSE_CHAMBERS	TSE_CHAMBERS
<b>SIZE:</b>	24S	2430 TN2	2430 TN2
<b>STROKE: MILLIMETRES</b>	67	64	64
<b>TEST REPORT #:</b>	TSE derived	TSE derived	TSE derived
<b>SPRINGBRAKE FORCE: kN</b>	N/A	6.72	6.72
<b>HOLDOFF PRESSURE: kPa</b>	N/A	4.8	4.8
<b>FOUNDATION BRAKE:</b>	DRUM	DRUM	DRUM
<b>LEVER LENGTH: MILLIMETRES</b>	150	127	127
<b>BRAKE VALVES:</b>	<b>MAKE:</b>	<b>PART NUMBER:</b>	<b>PM PRESS. kPa</b>
<b>ECU PART #:</b>	WABCO	480 102 08. 0 (MV)	70 kPa
<b>3RD MODULATOR #:</b>	WABCO	480 207 202 0 (12V)	70 kPa
<b>ANTI-COMPOUNDING:</b>	YES	<b>ELEX:</b>	N/A
<b>SPRING BRAKE RELAY:</b>	WABCO_PREV	971 002 900 0	
<b>YARD RELEASE VALVE:</b>	WABCO-PREV	971 002 900 0	
<b>INLINE RELAY FITTED:</b>	N/A	N/A	

ECU DIRECTION:

FRONT

REAR

FRONT FRICTION:  $\mu$

0.48

SMARTBOARD/OPTILINK:

SMARTBOARD

OPTI-LINK

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## SUSPENSION

	FRONT	REAR
SUSPENSION TYPE:	PNEUMATIC	PNEUMATIC
MAKE:	ROR_AIRSPRING	ROR_AIRSPRING
MODEL:	ROR_INTRA	ROR_INTRA
BELLOW SIZE:	CS9I	CS9I
HEIGHT CONTROL VALVE:	464 008 011 0	464 008 011 0
OTHER VALVES:	N/A	N/A
RIDE HEIGHT <i>MM</i> :	330	330
HANGER HEIGHT <i>MM</i> :	175	175
PEDESTAL HEIGHT <i>MM</i> :	8	8
LIFTAXLE:		YES 5TH AXLE
TIPPING DUMP SWITCH:		N/A
LIFTAXLE VALVE:		463 084 050 0 (12v)

## AIR TANKS

AIR TANKS STANDARD:	SAE J10A / EN286-2	
	FRONT	REAR
BRAKE TANK SIZE: <i>L</i>	46	71
AUXILLARY TANK SIZE: <i>L</i>	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:	N/A	N/A
NORMAL LEVEL:	N/A	N/A
LOWER LEVEL:	N/A	N/A

**CHECKS AT COMMISSION OF VEHICLE**

CHAMBER BUNGS REMOVED:  VALVE MOUNTING:

ECU BLANKING PLUGS CHECKED:

RESPONSE TIME: MODULATOR 2.1 MODULATOR 2.2 RELAY VALVE

ms:

**NOTES AND SPECIAL CONDITIONS**

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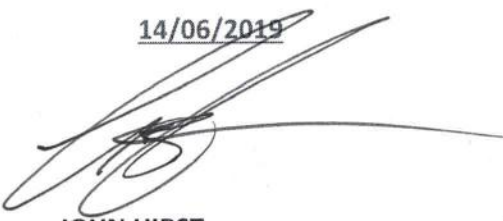


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*I UNDERSTAND AND DECLARE THAT I AM THE CERTIFIER IDENTIFIED BELOW AND HOLD A CURRENT VALID APPOINTMENT. I CERTIFY THAT AT THE TIME OF INSPECTION THE ABOVE MENTIONED VEHICLE COMPONENT DESIGN AND THIS CERTIFICATION COMPLIES IN ALL RESPECTS WITH THE 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 /4, SCHEDULE 5.**

DATE: 14/06/2019

SIGNED: 

CERTIFIER NAME & ID: JOHN HIRST JEH

SODC ENDORSED BY: CHRIS CLARKE CJC

PHONE (BUS): 09-980-7300