NZ TRANSPORT AGENCY
WAKA KOTAHI

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: 7A9E15014G1023490

Make: DOMETT

Component being certified:

- [ ] Chassis
- [ ] Load anchorage
- [ ] Log bolsters
- [ ] Towing connection
- [X] Brakes
- [ ] SRT
- [ ] PSV stability
- [ ] PSV rollover
- [ ] Swept path
- [ ] PBS

Model *(optional)*:

Certification category: HVEK

Description of work

CERTIFY TO SCHEDULE 5 OF LTR 32015/3

Code/standard/rule certified to: LTR 32015/3

Component load rating(s): 32 Tonnes GVM

General drawing number(s): N/A

Supporting documents

BRAKE CODE CERTIFICATE JH160507

BRAKE CALCULATION # TP51439

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

or

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)*:

Inspector's signature:

Inspector's name *(PRINT IN CAPS)*: CHRIS CLARKE

ID number: CJC

Date: 9-May-16

Number: 549827

CoF vehicle inspector ID	CoF vehicle inspector signature	Date

All fields are mandatory unless otherwise stated.

WABCO START-UP PROTOCOL

System	Trailer EBS-E	**WABCO part number**	480 102 080 0
Production date	2015-10-20	**Serial number**	437001631500M
Serial number (modulator)	000000042523		
Fingerprint Customer EOL / Customer Development / Flash Program	W503643 / 2016-05-09 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00		

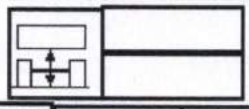
WABCO TRAILER EBS-E

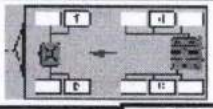
GGVS/ADR TUEH TB 2007 - 019.00
361-037-08

HERSTELLER MANUFACTURER CONSTRUCTEUR	DOMETT TRAILERS
TYP TYPE TYPE	5AFT PLATFORM
FAHRZEUG IDENTNR. CHASSIS NUMBER NUMERO DE CHASSIS	7A9E15014G1023490
BREMSBERECHNUNGS-NR. BRAKE CALCULATION NO. CALCUL DE FREINAGE NO.	TP51439A

POLRADZÄHNEZAHL 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	4S/3M	
RSS RSS RSS Einfachbereifung Single Tire Monte simple			Lenkachse Steering axle Essieu vireur		
RSS RSS RSS Zwillingsbereifung Twin Tire Monte jumelée	X		Kippkritisches Fahrzeug Critical Trailer Véhicule critique		
Subsystems	SB		I/O	24N	

GIO	Pin1	Pin3	Pin4
1	ALS2	ALS2	LS2
2	eTASC2	---	eTASC2
3	eTASC	---	eTASC
4	---	---	LS1
5	DIAG	DIAG	DIAG
6	---	---	---
7	---	---	---





	pm (bar)		6.5	pm (bar)		0.7	2.0	---	6.5		TYP TYPE	(mm)	(mm)	(bar) 1.0 TR (daN)	Pz
ACHSE AXLE ESSIEU									pz						
1	1400	0.5	2.0	8000	5.0	0.4	1.5	---	6.2	-	18	64	69	505	4058
2	1400	0.5	2.0	8000	5.0	0.4	1.5	---	6.2	-	18	64	69	505	4058
3	1300	0.5	1.8	6400	4.0	0.3	1.6	---	5.2	-	14 / 16	64	69	495	3051
4	1300	0.5	1.8	6400	4.0	0.3	1.6	---	5.2	-	14 / 16	64	69	495	3051
5	1300	0.5	1.8	6400	4.0	0.3	1.6	---	5.2	-	14 / 16	64	69	495	3051

TEBS-E

Diagnostic memory	OK	**Warning lamp control**	OK
Parameter setting	carried out	**Stop light power 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 check	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**	7A9E15014G1023490
Vehicle type	5AFT PLATFORM	**Odometer reading**	0.0 km
next Service	0 km	**Trip reading**	0.0 km
Tester	Chris Clarke	**Signature**	
Date	2016-05-09 4:21:05 p.m.		

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

distribution: DOMETT TRAILERS
7A9E15014G1023490
SODC: JH160507
LT400: CJC 549827

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 PLATFORM
trailer type : 5-axle-full-trailer
remarks : air / hydraulic / VA suspension
WABCO TRAILER - EBS
TRISTOP 3+4+5: T.14/24 [TSE1416HTLD64 ACTUALLY FITTED - SEE PAGE 7 FOR PERFORMANCE DATA]
215/75 R 17,5 - 235/75 R 17,5

axle 1 + 2 + 3 + 4 + 5 : IMT, WABCO PAN-17, 361-037-08 ECE,

		unladen	laden
total mass	P in kg	6700	35200
axle 1	P1 in kg	1400	8000
axle 2	P2 in kg	1400	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	7850 - 7850	
centre of gravity height	h in mm	1000	2024

		axle 1	axle 2	axle 3	axle 4	axle 5
		manually	manually	manually	manually	manually
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 119.6
brake chamber manufacturer		Meritor	Meritor	Meritor	Meritor	Meritor
chamber size		18.	18.	T.14/24	T.14/24	T.14/24
lever length	lBh in mm	69	69	69	69	69
brake factor	[-]	19.98	19.98	19.98	19.98	19.98
dyn. rolling radius	rdyn min in mm	373	373	373	373	373
dyn. rolling radius	rdyn max in mm	387	387	387	387	387
threshold torque	Co Nm	3.4	3.4	3.4	3.4	3.4
calculation:						
chamber pressure(rdyn min)pH at z=22,5%	bar	2.3	2.3	2.2	2.2	2.2
chamber pressure(rdyn max)pH at z=22,5%	bar	2.3	2.3	2.2	2.2	2.2
chamber press.(servo)pcha at pm6,5bar	bar	6.2	6.2	5.2	5.2	5.2
piston force ThA at pm6,5bar	N	6622	6622	4986	4986	4986
brake force(rdyn min)T lad. at pm6,5bar	N	49652	49652	37335	37335	37335
brake force(rdyn max)T lad. at pm6,5bar	N	47885	47885	36007	36007	36007
brake force within 1 % rolling friction proportion	%	21.2	21.2	19.2	19.2	19.2

braking rate z laden 0.612 for rdyn min
z = sum (TR)/PRmax 0.590 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 18HSCLD64

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 18HSCLD64

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

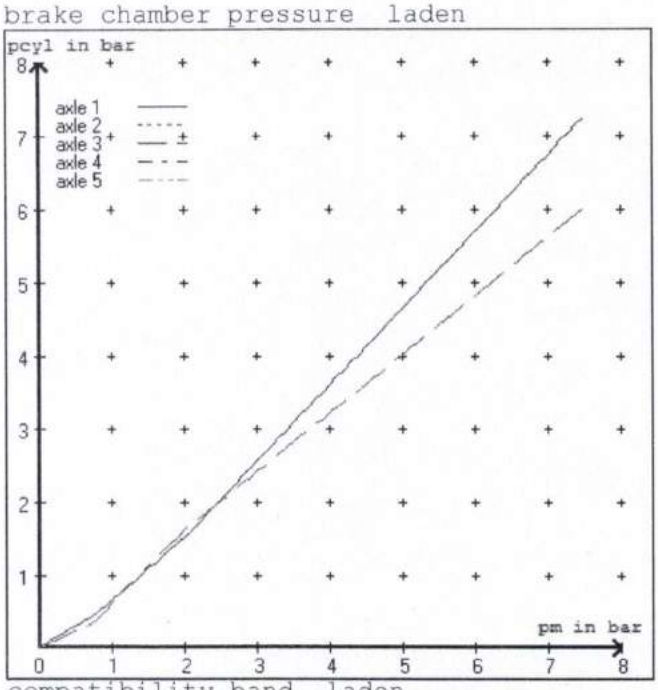
axle 5:
valve 1: 971 002 ... 0 WABCO
EBS emergency valve

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

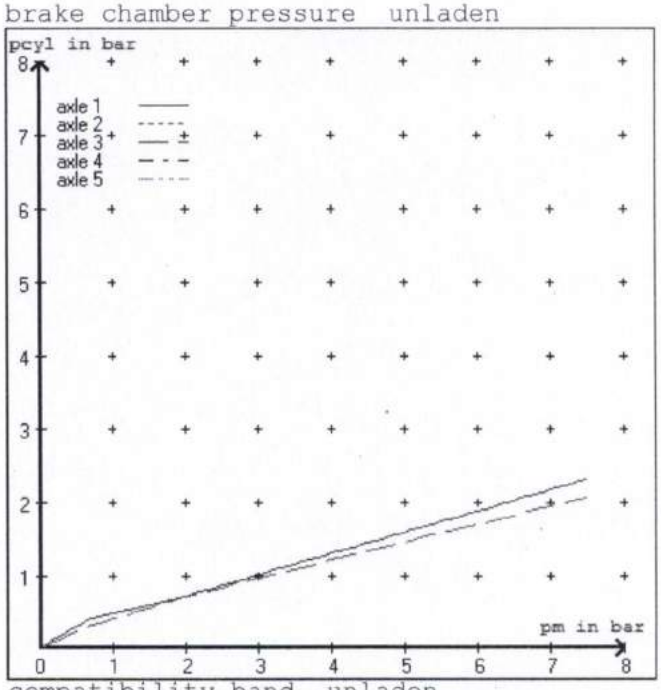
brake cylinder: Meritor 1424HTLD64

test type III (zIII = 0.30)	for rdyn min :	axle1	axle2	axle3	axle4	axle5
at pm 3.5 bar =>	pcha in bar :	3.0	3.0	2.8	2.8	2.8
test type III (zIII = 0.06)	for rdyn min :	axle1	axle2	axle3	axle4	axle5
at pm 1.1 bar =>	pcha in bar :	0.8	0.8	0.7	0.7	0.7

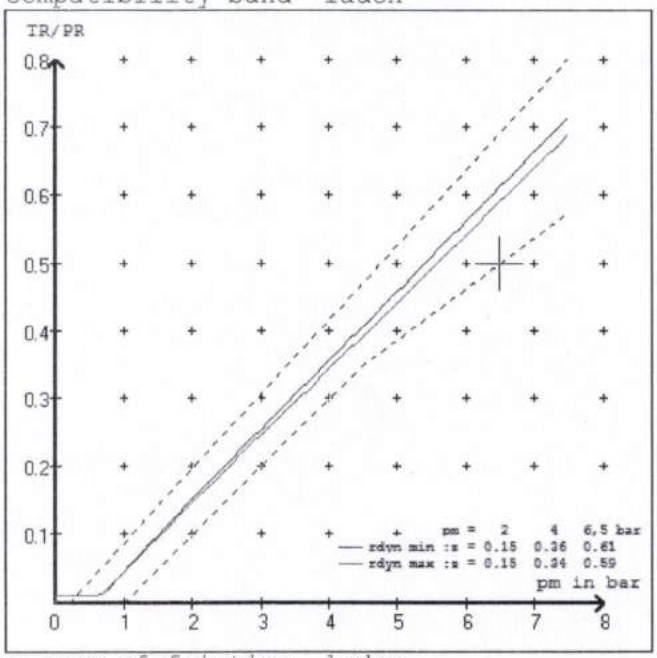
brake chamber pressure laden



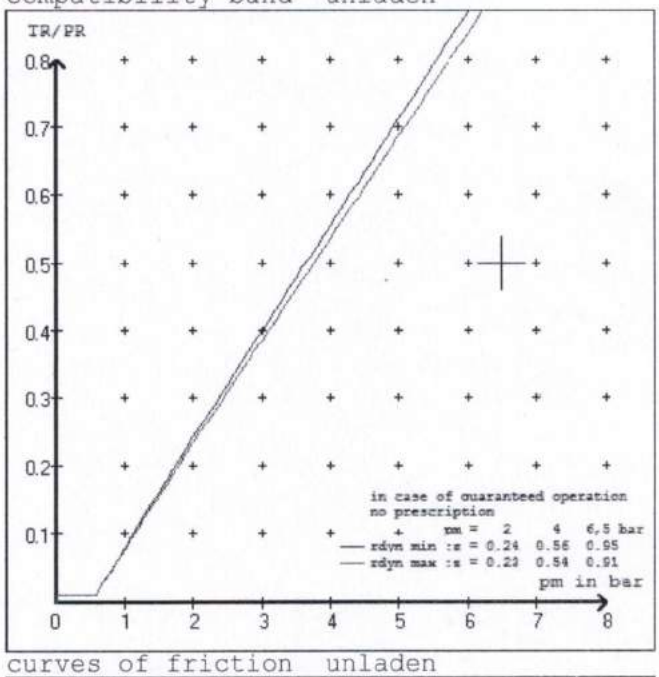
brake chamber pressure unladen



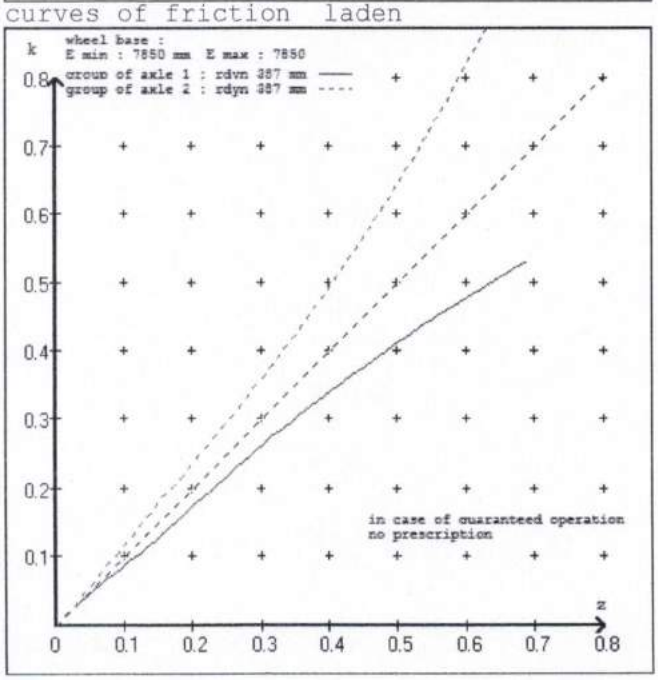
compatibility band laden



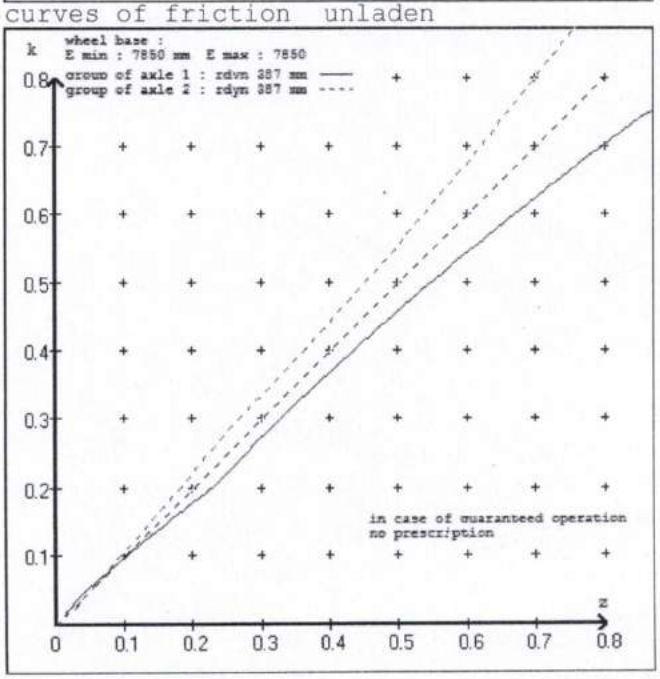
compatibility band unladen



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	18.	(Meritor)	lever length 69 mm
axle 2 :	2 x type/diameter	18.	(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	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 : 5AFT PLATFORM
trailer type : 5-axle-full-trailer
brake calculation no. : TP 51439A

tire circumference main axle : 2425 for rdyn max
tire circumference auxiliary axle : 2425 for rdyn max

assignment pm / deceleration z: pm 0.7 bar z = 0.010
(laden condition) 2.0 bar z = 0.150
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 entered by the vehicle manufact.	2.0	8000	to be entered by the vehicle manufact.	0.4	1.5	6.2
2	1400		2.0	8000		0.4	1.5	6.2
3	1300		1.8	6400		0.3	1.6	5.2
4	1300		1.8	6400		0.3	1.6	5.2
5	1300		1.8	6400		0.3	1.6	5.2

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.
==========

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	2.0	1400	2.0	1300	1.8	1300	1.8	1300	1.8
1900	2.3	1900	2.3	1800	2.1	1800	2.1	1800	2.1
2400	2.6	2400	2.6	2300	2.5	2300	2.5	2300	2.5
2900	3.0	2900	3.0	2800	2.8	2800	2.8	2800	2.8
3400	3.3	3400	3.3	3300	3.1	3300	3.1	3300	3.1
3900	3.6	3900	3.6	3800	3.5	3800	3.5	3800	3.5
4400	3.9	4400	3.9	4300	3.8	4300	3.8	4300	3.8
4900	4.2	4900	4.2	4800	4.1	4800	4.1	4800	4.1
8000	6.2	8000	6.2	6400	5.2	6400	5.2	6400	5.2

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

axle 1 :	reference axle: IMT	175-195	brake lining:	Jurid 539
	test report :	361-037-08 ECE	date :	17122008 18.01.2013
axle 2 :	reference axle: IMT	175-195	brake lining:	Jurid 539
	test report :	361-037-08 ECE	date :	17122008 18.01.2013
axle 3 :	reference axle: IMT	175-195	brake lining:	Jurid 539
	test report :	361-037-08 ECE	date :	17122008 18.01.2013
axle 4 :	reference axle: IMT	175-195	brake lining:	Jurid 539
	test report :	361-037-08 ECE	date :	17122008 18.01.2013
axle 5 :	reference axle: IMT	175-195	brake lining:	Jurid 539
	test report :	361-037-08 ECE	date :	17122008 18.01.2013

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

axle 1	(rdyn 373 mm)	T = 29.3 % Fe
axle 2	(rdyn 373 mm)	T = 29.3 % Fe
axle 3	(rdyn 373 mm)	T = 24.4 % Fe
axle 4	(rdyn 373 mm)	T = 24.4 % Fe
axle 5	(rdyn 373 mm)	T = 24.4 % Fe

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

axle 1	(sp = 58 mm)	s = 26 mm
axle 2	(sp = 58 mm)	s = 26 mm
axle 3	(sp = 56 mm)	s = 26 mm
axle 4	(sp = 56 mm)	s = 26 mm
axle 5	(sp = 56 mm)	s = 26 mm

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

axle1	ThA = 6622 N
axle2	ThA = 6622 N
axle3	ThA = 4986 N
axle4	ThA = 4986 N
axle5	ThA = 4986 N

calc. residual (hot) braking force in N
(item 4.3.1.4 of appendix 2 to annex 11)

axle 1	(rdyn 373 mm)	T = 42605 N
axle 2	(rdyn 373 mm)	T = 42605 N
axle 3	(rdyn 373 mm)	T = 32006 N
axle 4	(rdyn 373 mm)	T = 32006 N
axle 5	(rdyn 373 mm)	T = 32006 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)	0.61	0.52
required braking rate (items 1.5.3 and 1.7.2 to annex 11)		>= 0,4 and >= 0,6*E (0.37)

axle 1	(rdyn 387 mm)	T = 41093 N
axle 2	(rdyn 387 mm)	T = 41093 N
axle 3	(rdyn 387 mm)	T = 30871 N
axle 4	(rdyn 387 mm)	T = 30871 N
axle 5	(rdyn 387 mm)	T = 30871 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)	0.59	0.51
required braking rate (items 1.5.3 and 1.7.2 to annex 11)		>= 0,4 and >= 0,6*E (0.35)

spring parking brake

		axle 3	axle 4	axle 5
no of TRISTOP-actuators per axle line	KDZ	2	2	2
TRISTOP-actuator type		T.14/16	T.14/16	T.14/16
lever length	lBh in mm	69	69	69
stat. tyre radius	rstat max in mm	376	376	376
at a stroke of	s in mm	30	30	30
min. force of spring brake	TFZ in N	6200	6200	6200
sp.brake chamber no Meritor.....		4	4	4
release pressure	pLs in bar	4.5	4.5	4.5

calculation:

ratio until road	3.6878	3.6878	3.6878
iFb = lBh*Eta*C*rBt/(rBn*rstat) for rstat in mm	376	376	376
brake force of spring br. Tf in N	45070	45070	45070
Tf = (TFZ*KDZ-2*Co/lBh)*iFb			

braking rate zf laden 0.402
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 = 5074 mm for E = 7850 mm
==========
min Ef = 5074 mm for E = 7850 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	=	2024 mm	height of center of gravity - laden
PR	=	19200 kg	maximum bogie mass - laden
P	=	35200 kg	maximum total mass - laden
nf	=	3	no. of axle(s) with TRISTOP spring brake actuators
ng	=	3	no. of bogie axle(s)

			axle 1 + 2 + 3 + 4 + 5
axle manufacturer			IMT
type of brake			WABCO PAN-17
type of axle			175-195
			361-037-08 ECE
test report of characteristic value			
adm. stat. axle load	Pstat	in kg	7003
tested axle load	Pe	in kg	8000
max. adm. tyre radius	Rezul	in mm	999
adm. cam. torque (6,5 bar)	Czul	in Nm	618
lining area per brake	AB	in cm²	240
no. of brake cylinder		-	2
brakefactor (SB) Bf		-	19.98
brakefactor (PB) Bf		-	19.98
threshold torque (Co,dec)	Mo	in Nm	3
date			17122008 18.01.2013
brake lining			Jurid 539
cam torque	Ce	in Nm	381
brake force	TeIII	in daN	3471
stroke	seIII	in mm	26
tested tyre radius	Re	in mm	382
tested lever length	le	in mm	69
threshold torque (Co,e)		in Nm	5

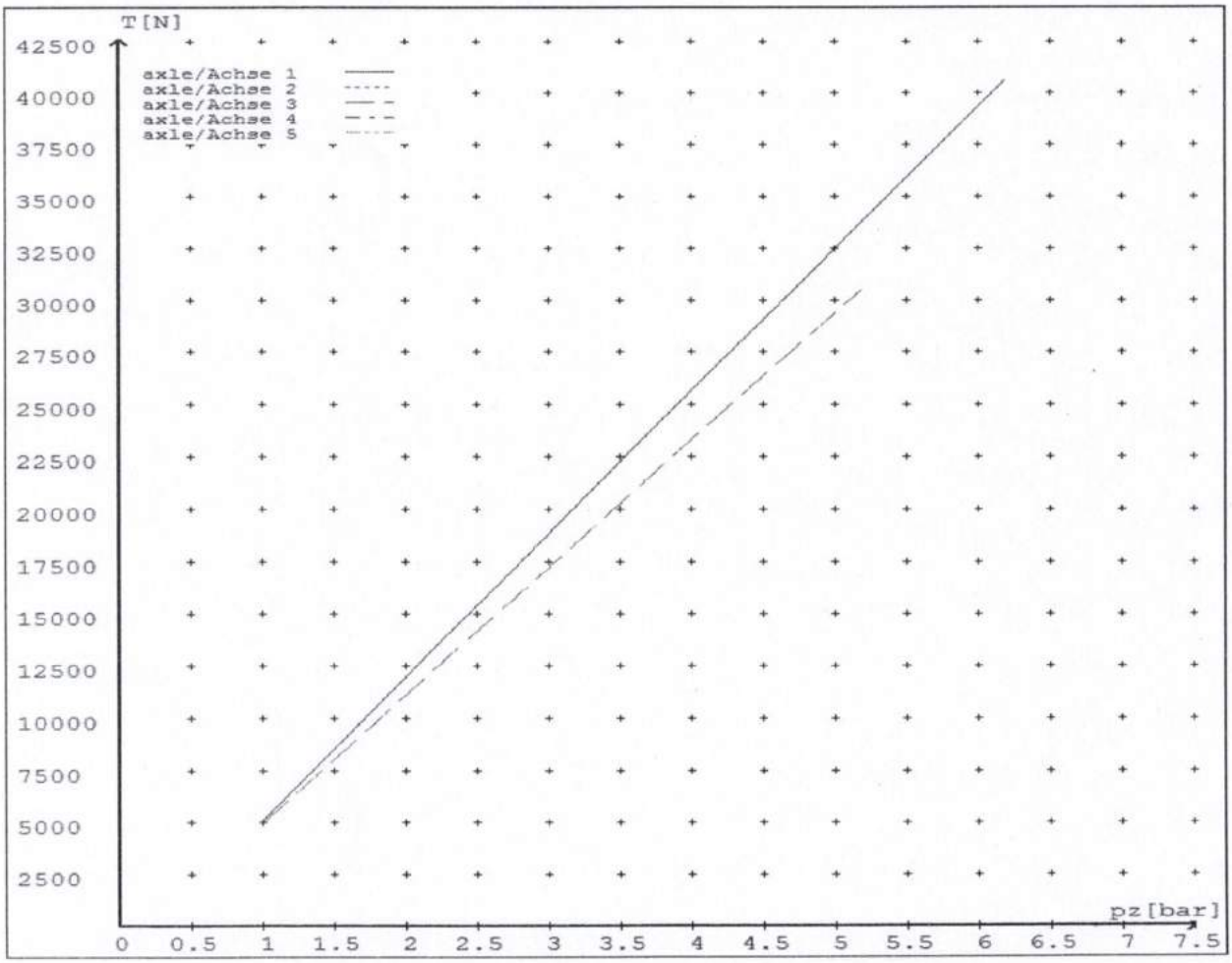
reference values

reference values for z = 50% for max rdyn: 387 mm

	pz [bar]	T [N]	T [N]
axle 1	1.0 6.2	5054 40580	
axle 2	1.0 6.2	5054 40580	
axle 3	1.0 5.2		4957 30514
axle 4	1.0 5.2		4957 30514
axle 5	1.0 5.2		4957 30514

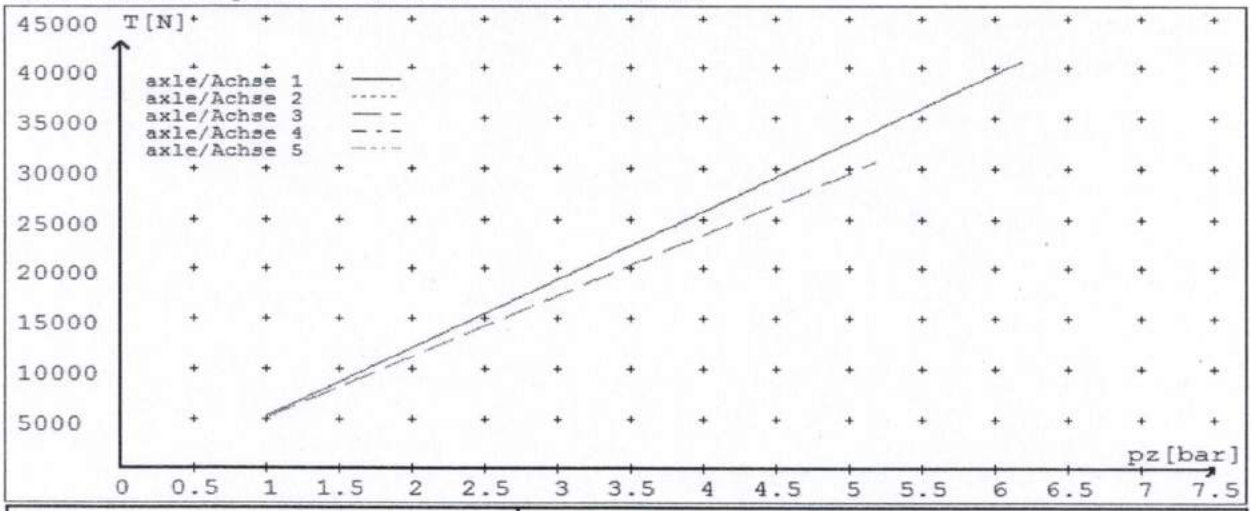
VIN - no.:

	Axle(s) / Achse(n)				
brake cylinder type (service / parking) Bremszylinder Typ (Betrieb / Fest)	18./	18./	T.14/24	T.14/24	T.14/24
Maximum stroke smax = ...mm maximaler Hub smax = ...mm	64	64	64	64	64
Lever length = ...mm Hebellänge = ...mm	69.4	69.4	69.4	69.4	69.4



Print on WABCO no. 899 200 922 4 (only possible with laser printers!)

reference values for z = 0.5 **for max rdyn: 387 mm**
Angabe der Referenzwerte für z = 0.5 für max rdyn: 387 mm
brake calculation no: TP 51439A date 03.05.2016
Bremsberechnung Nr: TP 51439A vom 03.05.2016



	Axle(s) / Achse(n)				
brake cylinder type (service / parking) Bremszylinder Typ (Betrieb / Fest)	18./	18./	T.14/24	T.14/24	T.14/24
Maximum stroke smax = ...mm maximaler Hub smax = ...mm	64	64	64	64	64
Lever length = ...mm Hebellänge = ...mm	69.4	69.4	69.4	69.4	69.4

GOUGH Transpecs

HEAVY VEHICLE BRAKE RULE
32015/3 WORKSHEET
(PROCEDURE DOCUMENTATION SHEET-PDS)
&
CONFIRMATION OF COMPLIANCE

CERTIFICATE NO.	JH160507		
CUSOMER NAME	DOMETT TRAILERS		
CUSTOMER ORDER NO.	4527	**DATE RECEIVED**	9-May-16
VEHICLE TYPE	PLATFORM		
VIN/ CHASSIS NO.	7A9E15014G1023490		

BRIEF SPECIFICATION AS CERTIFIED TO SCHEDULE 5

BRAKE VALVES	**MAKE**	**TYPE**
PRIMARY RELAY	WABCO	480 102 080 0
SECONDARY RELAY	WABCO	480 207 202 0
YARD RELEASE VALVE	WABCO	971 002 900 0
PARK BRAKE VALVE	WABCO	971 002 900 0

LOCKED RATIO:	**FRONT**	**REAR**
MAKE	N/A	N/A
SETTING	N/A	N/A

OTHER VALVES:

MAKE:	WABCO	**TYPE:**	463 090 500 0	**SETTING:**	N/A
MAKE:	WABCO	**TYPE:**	441 050 100 0	**SETTING:**	N/A
MAKE:	WABCO	**TYPE:**	446 192 110 0	**SETTING:**	N/A
MAKE:		**TYPE:**		**SETTING:**	

BRAKE CHAMBERS:	AXLE 1 & 2	AXLE 3 & 4	AXLE 5
MAKE	TSE	TSE	TSE
SIZE	18HSCLD65	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:	WABCO PAN17	WABCO PAN17	WABCO PAN17

FRICTION MATERIAL: ☑ OEM ☐ AFTERMARKET

LINING BRAND	AXLE 1 & 2	AXLE 3 & 4	AXLE 5
	JURID 539	JURID 539	JURID 539

OTHERS:

TYRES:

FRONT	REAR
215/235 75 R 17.5	215/235 75 R 17.5

BRAKE CALCULATION #: TP51439

COMMENTS:

EBS, SPECIAL CONDITIONS APPLY. SEE INSTRUCTIONS ON LT400 #

SALES ORDER #: **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:

BRAKE CALCULATION TP51439 USES THE TSE1424HTLD TO DETERMINE THE SERVICE BRAKE PERFORMANCE & THE TSE1616HTLD64 TO MEASURE THE PARK BRAKE PERFORMANCE OF AXLES 3, 4 & 5. THE ACTUAL CHAMBER USED (TSE1416HTLD64) IS NOT AVAILABLE IN THE WABCO BRAKE CALCULATOR.

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 32015/3, SCHEDULE 5.

DATE: 9-May-16 **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 32015/3 SCHEDULE 5.

DATE: **SIGNED:**

NAME:

CERTIFIERS ID: **POSITION:**

PHONE (BUS): **FAX (BUS):**

COMMENTS:

GOUGH Transpecs

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 32015/3.

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 32015/3. 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**

(p.p.).....
(J.Hirst (JEH) HVEK)

GOUGH Transpecs

NOTICE TO VEHICLE OPERATOR

This trailer is equipped with an **E**lectronic **B**rake **S**ystem.

To comply with the New Zealand Heavy Vehicle Brake Rule 32015/3, 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)

GOUGH Transpecs

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 32015/3.

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)