

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name (PRINT IN CAPS) **CHRIS CLARKE** ID **CJC**

Vehicle registration (optional) \_\_\_\_\_ VIN/chassis number **7A9E10015L1023964**

Make **DOMETT** Component being certified:  Chassis  Load anchorage

Model (optional) **E1001**  Log bolsters  Towing connection  Brakes

Certification category **HVEK**  SRT  PSV stability  PSV rollover

Swept path  PBS

Description of work

**CERTIFY TO SCHEDULE 5 OF LTR 32015/5: NZ HEAVY VEHICLE BRAKE SPECIFICATION.**

**CARRY OUT BRAKE CALCULATIONS, INSPECTION AND ECU END OF LINE PROTOCOL.**

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

**FOR SYSTEM ARCHITECTURE, PLEASE REFER TO PDS WORKSHEET & SCHEMATIC.**

Code/standard/rule certified to **LTR 32015/5** Component load rating(s) **30 Tonnes GVM**

General drawing number(s) **N/A** **16 Tonne (Front brake mass)**

**19 Tonne (Rear brake mass)**

Supporting documents

**BRAKE RULE CERTIFICATE** **JH201110**

**BRAKE CALCULATION #** **TP52168**

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 (if applicable) **N/A [UNLESS MODIFIED]** 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) **JOHN HIRST** **J E H**

Inspector's signature 

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

Date **17-Nov-20** Number **764502**

CoF vehicle inspector ID (if applicable) \_\_\_\_\_ CoF vehicle inspector signature (if applicable) \_\_\_\_\_ Date \_\_\_\_\_

All fields are mandatory unless otherwise stated.

# WABCO START-UP LOG

System	Trailer EBS-E	WABCO part number	480 102 064 0
Production date	2020-04-22	Serial number	436074152100A
Serial number (modulator)	000000523632		
Fingerprint Customer EOL / Customer Development / Flash Program	W503643 / 2020-11-17 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00		

## WABCO

## TRAILER EBS-E

GGVS/ADR TUEH TB 2007 - 019.00  
361-005-16

HERSTELLER MANUFACTURER CONSTRUCTEUR	DOMETT TRAILERS		
TYP TYPE	5AFT-RS TANKER		
VEHICLE IDENT. NUMBER CHASSIS NUMBER NUMERO DE CHASSIS	7A9E10015L1023964		
BREMSBERECHNUNGS-NR. BRAKE CALCULATION NO. CALCUL DE FREINAGE NO.	TP52168A		
POLRADZÄHNEZAHN 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 4S/3M
RSS RSS RSS	Einfachbereifung Single Tire Monte simple	Lenkachse Steering axle Essieu virer	
RSS RSS	Zwillingsbereifung Twin Tire Monte jumelle	X	Kippkritisches Fahrzeug Critical Trailer Véhicule critique
Subsystems	SB	I/O	24N

GIO	Pin1	Pin3	Pin4
1	---	RDL	SAC
2	24V-O1	---	24V-O2
3	ALS2	ALS2	---
4	---	---	---
5	DIAG	DIAG	DIAG
6	---	---	---
7	---	---	---



ACHSE AXLE ESSIEU	pm (bar)		6.5		pm (bar)		0.8	2.0	---	6.5	TYP TYPE	(mm)	(mm)	(bar)		
	1.0	Pz														
1	1500	0.5	1.5	8000	4.8	0.4	1.3	---	5.6	-	20	66	76	544	4371	
2	1500	0.5	1.5	8000	4.8	0.4	1.3	---	5.6	-	20	66	76	544	4371	
3	1200	0.3	1.2	6350	3.7	0.4	1.4	---	4.3	-	16 / 24	64	76	470	2857	
4	1200	0.3	1.2	6350	3.7	0.4	1.4	---	4.3	-	16 / 24	64	76	470	2857	
5	1200	0.3	1.2	6350	3.7	0.4	1.4	---	4.3	-	16	65	76	443	2739	

### 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	7A9E10015L1023964
Vehicle type	5AFT-RS TANKER	Odometer reading	0.0 km
next Service	0 km	Trip reading	0.0 km
Tester	Chris Clarke	Signature	
Date	2020-11-17 1:31:06 PM		

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

distribution: DOMETT TRAILERS  
7A9E10015L1023964  
SODC: JH201110  
LT400: CJC 764502

please note!

This brake calculation is made under consideration of  
-the legal prescriptions mentioned above in the version valid at the time of making the program (V6.18.07.12).  
-the functional characteristics of our products as well as the data of the brake out of the test approvals of the axle manufacturers, and  
-the other vehicle data included in the brake calculation.  
Please check whether these data correspond to the actual vehicle data.  
Our conditions of delivery apply (particularly section 9.0).  
In any case we commend to do a braking harmonisation!  
WABCO Brake V6.18.07.12 db 31.08.2018

vehicle manufacturer: DOMETT TRAILERS  
trailer model : 5AFT-RS TANKER  
trailer type : 5-axle-full-trailer  
remarks : air / hydraulic / VA suspension  
WABCO TRAILER - EBS E  
TRISTOP 3+4: T.16/24  
265/70 R 19,5  
THE FRONT CHAMBERS ARE HALDEX T.20 [125 200 001]  
AXLE 3 & 4 ARE HALDEX T.1624 (BERTOCCO 342.162.401]

axle 1 + 2 + 3 + 4 + 5 : Assali Stefen, R, 361-005-16 ECE,

		<u>unladen</u>	<u>laden</u>
total mass	P in kg	6600	35050
axle 1	P1 in kg	1500	8000
axle 2	P2 in kg	1500	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	5250 - 5350	
centre of gravity height	h in mm	761	1520

	<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	BZ 122.1	BZ 122.1	BZ 119.6	BZ 119.6BC	0169.2
brake chamber manufacturer	Meritor	Meritor	Meritor	Meritor	Haldex
chamber size	20.	20.	T.16/24	T.16/24	16"
lever length	76	76	76	76	76
brake factor	22.37	22.37	22.37	22.37	22.37
dyn. rolling radius	421	421	421	421	421
dyn. rolling radius	421	421	421	421	421
threshold torque	6.0	6.0	6.0	6.0	6.0

calculation:					
chamber pressure(rdyn min)pH at z=22,5%bar	2.2	2.2	2.0	2.0	2.0
chamber pressure(rdyn max)pH at z=22,5%bar	2.2	2.2	2.0	2.0	2.0
chamber press.(servo)pcha at pm6,5bar bar	5.6	5.6	4.3	4.3	4.3
piston force	6455	6455	4233	4233	4058
brake force(rdyn min)T lad. at pm6,5bar N	52283	52283	34176	34176	32760
brake force(rdyn max)T lad. at pm6,5bar N	52283	52283	34176	34176	32760
Brake force incl. 1 % rolling resistance proportion	21.9	21.9	19.0	19.0	18.2

braking rate z laden 0.598 for rdyn min  
z = sum (TR)/PRmax 0.598 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: 480 207 0.. 0                      WABCO              or 480 207 2.. 0  
                    EBS relay valve

brake cylinder: Meritor    20HSCLD65

axle 2:

valve 1: 480 207 0.. 0                      WABCO              or 480 207 2.. 0  
                    EBS relay valve

brake cylinder: Meritor    20HSCLD65

axle 3:

valve 1: 480 102 0.. 0                      WABCO  
                    EBS trailer modulator

brake cylinder: Meritor    1624HTLD64

axle 4:

valve 1: 480 102 0.. 0 WABCO  
EBS trailer modulator

brake cylinder: Meritor 1624HTLD64

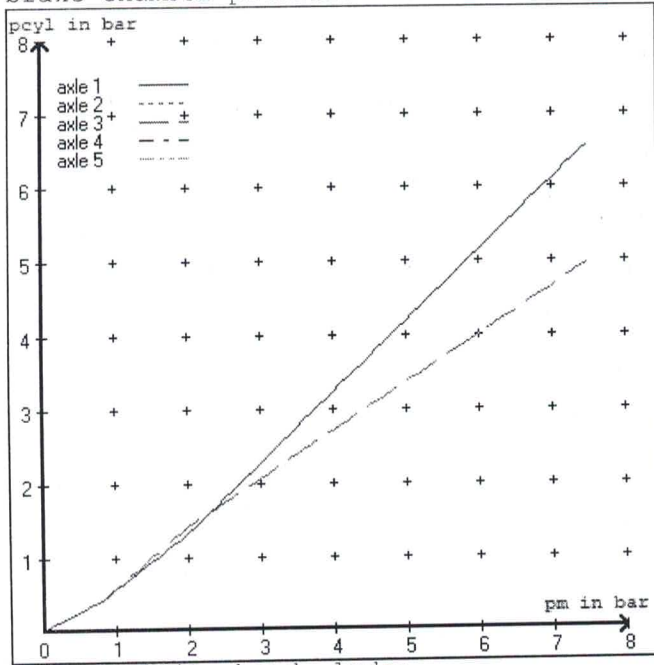
axle 5:

valve 1: 480 102 0.. 0 WABCO  
EBS trailer modulator

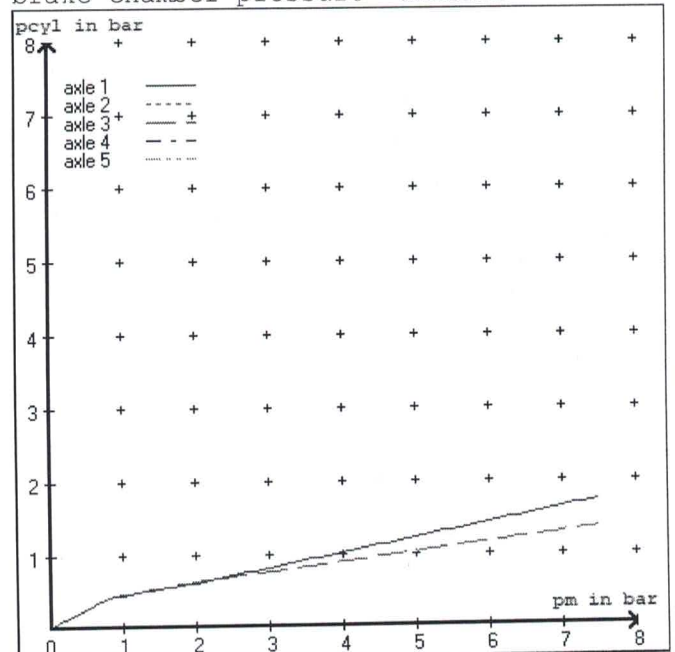
brake cylinder: Haldex 125 160 0.. - 125 160 5.. / 125 160 6.. - 125 160 9..

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

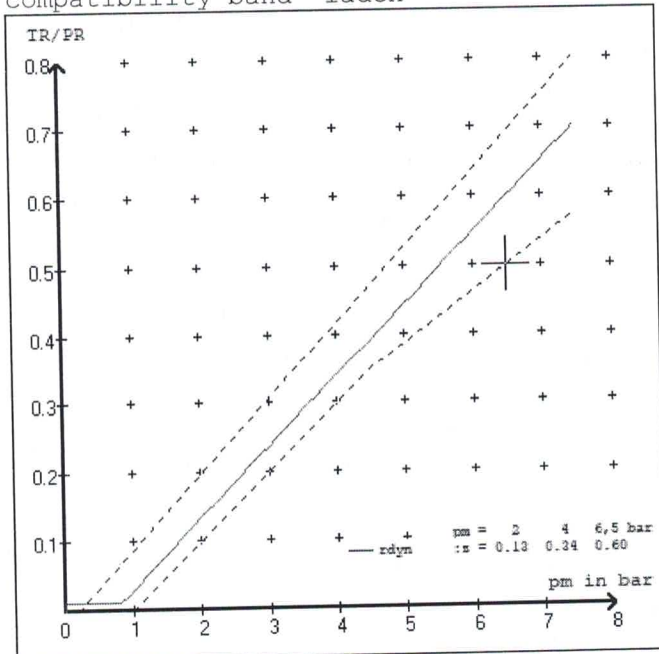
brake chamber pressure laden



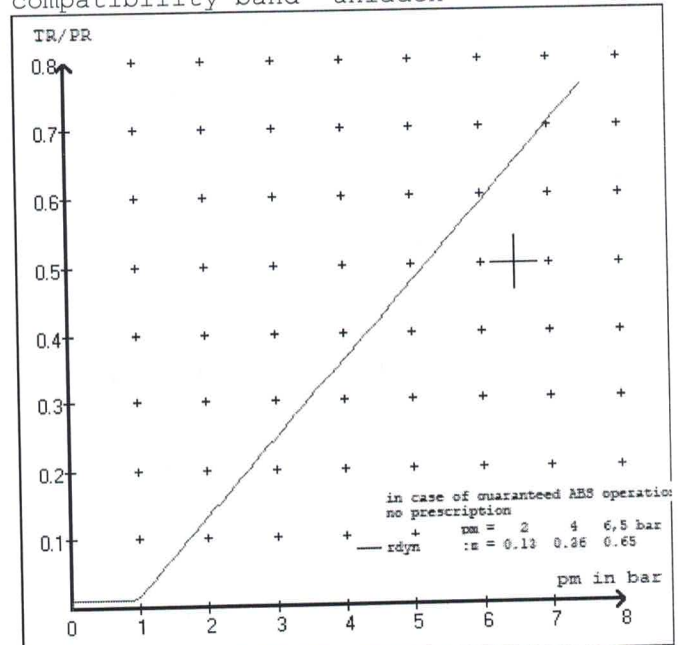
brake chamber pressure unladen



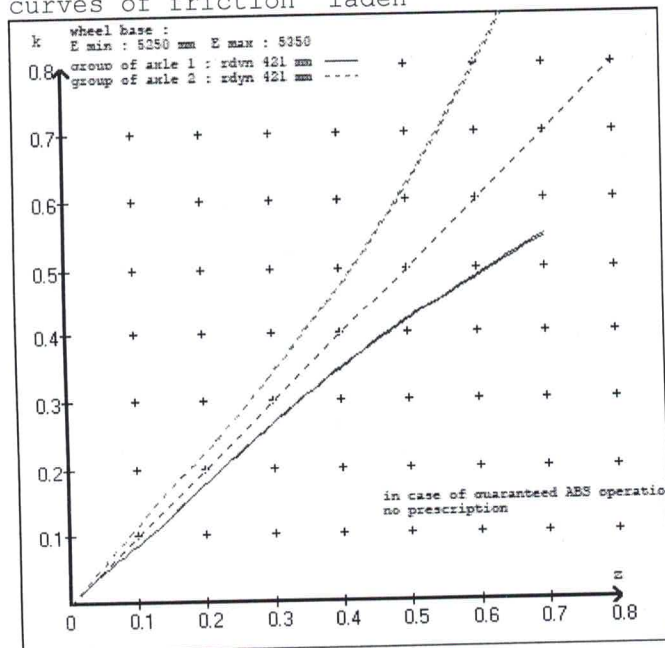
compatibility band laden



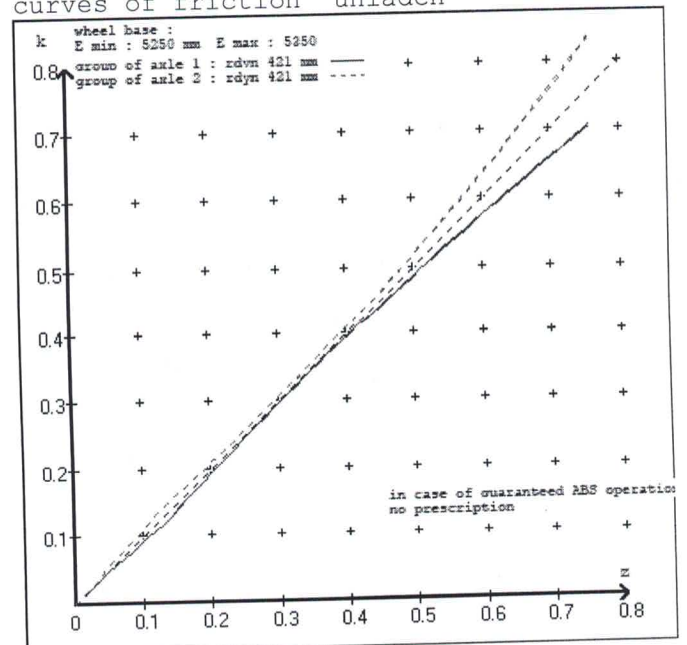
compatibility band unladen



curves of friction laden



curves of friction unladen



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

brake chamber and lever length :

axle 1 : 2 x type/diameter 20. (Meritor) lever length 76 mm  
 axle 2 : 2 x type/diameter 20. (Meritor) lever length 76 mm  
 axle 3 : 2 x type/diameter T.16/24 (Meritor) lever length 76 mm  
 axle 4 : 2 x type/diameter T.16/24 (Meritor) lever length 76 mm  
 axle 5 : 2 x type/diameter 16" (Haldex) lever length 76 mm

brake diagram :

valve :  
 480 207 0.. 0 WABCO EBS relay valve or 480 207 2.. 0  
 480 102 0.. 0 WABCO EBS trailer modulator

EBS input data

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vehicle manufacturer: DOMETT TRAILERS  
 trailer model : 5AFT-RS TANKER  
 trailer type : 5-axle-full-trailer  
 brake calculation no. : TP 52168A

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	1500	to be	1.5	8000	to be	0.4	1.3	5.6	
2	1500	entered by the vehicle manufact.	1.5	8000	entered by the vehicle manufact.	0.4	1.3	5.6	
3	1200		1.2	6350		0.4	1.4	4.3	
4	1200		1.2	6350		0.4	1.4	4.3	
5	1200		1.2	6350		0.4	1.4	4.3	

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
1500 1.5	1500 1.5	1200 1.2	1200 1.2	1200 1.2
2000 1.8	2000 1.8	1700 1.5	1700 1.5	1700 1.5
2500 2.1	2500 2.1	2200 1.8	2200 1.8	2200 1.8
3000 2.4	3000 2.4	2700 2.1	2700 2.1	2700 2.1
3500 2.8	3500 2.8	3200 2.4	3200 2.4	3200 2.4
4000 3.1	4000 3.1	3700 2.7	3700 2.7	3700 2.7
4500 3.4	4500 3.4	4200 3.0	4200 3.0	4200 3.0
5000 3.7	5000 3.7	4700 3.3	4700 3.3	4700 3.3
8000 5.6	8000 5.6	6350 4.3	6350 4.3	6350 4.3

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

axle 1 : reference axle: Assali StefLM or LC or TMen	brake lining: MAT 5200-215
test report : 361-005-16 ECE	date : HL090216 09.02.2016
axle 2 : reference axle: Assali StefLM or LC or TMen	brake lining: MAT 5200-215
test report : 361-005-16 ECE	date : HL090216 09.02.2016
axle 3 : reference axle: Assali StefLM or LC or TMen	brake lining: MAT 5200-215
test report : 361-005-16 ECE	date : HL090216 09.02.2016
axle 4 : reference axle: Assali StefLM or LC or TMen	brake lining: MAT 5200-215
test report : 361-005-16 ECE	date : HL090216 09.02.2016
axle 5 : reference axle: Assali StefLM or LC or TMen	brake lining: MAT 5200-215
test report : 361-005-16 ECE	date : HL090216 09.02.2016

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 = 24.8 % Fe
axle 2	(rdyn 421 mm)	T = 24.8 % Fe
axle 3	(rdyn 421 mm)	T = 18.1 % Fe
axle 4	(rdyn 421 mm)	T = 18.1 % 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 = 58 mm)	s = 42 mm
axle 2	(sp = 58 mm)	s = 42 mm
axle 3	(sp = 57 mm)	s = 42 mm
axle 4	(sp = 57 mm)	s = 42 mm
axle 5	(sp = 50 mm)	s = 42 mm

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

axle1	ThA = 6455 N
axle2	ThA = 6455 N
axle3	ThA = 4233 N
axle4	ThA = 4233 N
axle5	ThA = 4058 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 = 37943 N
axle 2	(rdyn 421 mm)	T = 37943 N
axle 3	(rdyn 421 mm)	T = 24835 N
axle 4	(rdyn 421 mm)	T = 24835 N
axle 5	(rdyn 421 mm)	T = 23814 N

braking rate of the vehicle (item 4.3.2 to appendix 2 to annex 11)	basic test	type III
	of subject trailer (E)	(calculated) residual (hot)braking
	0.60	0.43

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 = 37943 N
axle 2	(rdyn 421 mm)	T = 37943 N
axle 3	(rdyn 421 mm)	T = 24835 N
axle 4	(rdyn 421 mm)	T = 24835 N
axle 5	(rdyn 421 mm)	T = 23814 N

braking rate of the vehicle (item 4.3.2 to appendix 2 to annex 11)	basic test	type III
	of subject trailer (E)	(calculated) residual (hot)braking
	0.60	0.43

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

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





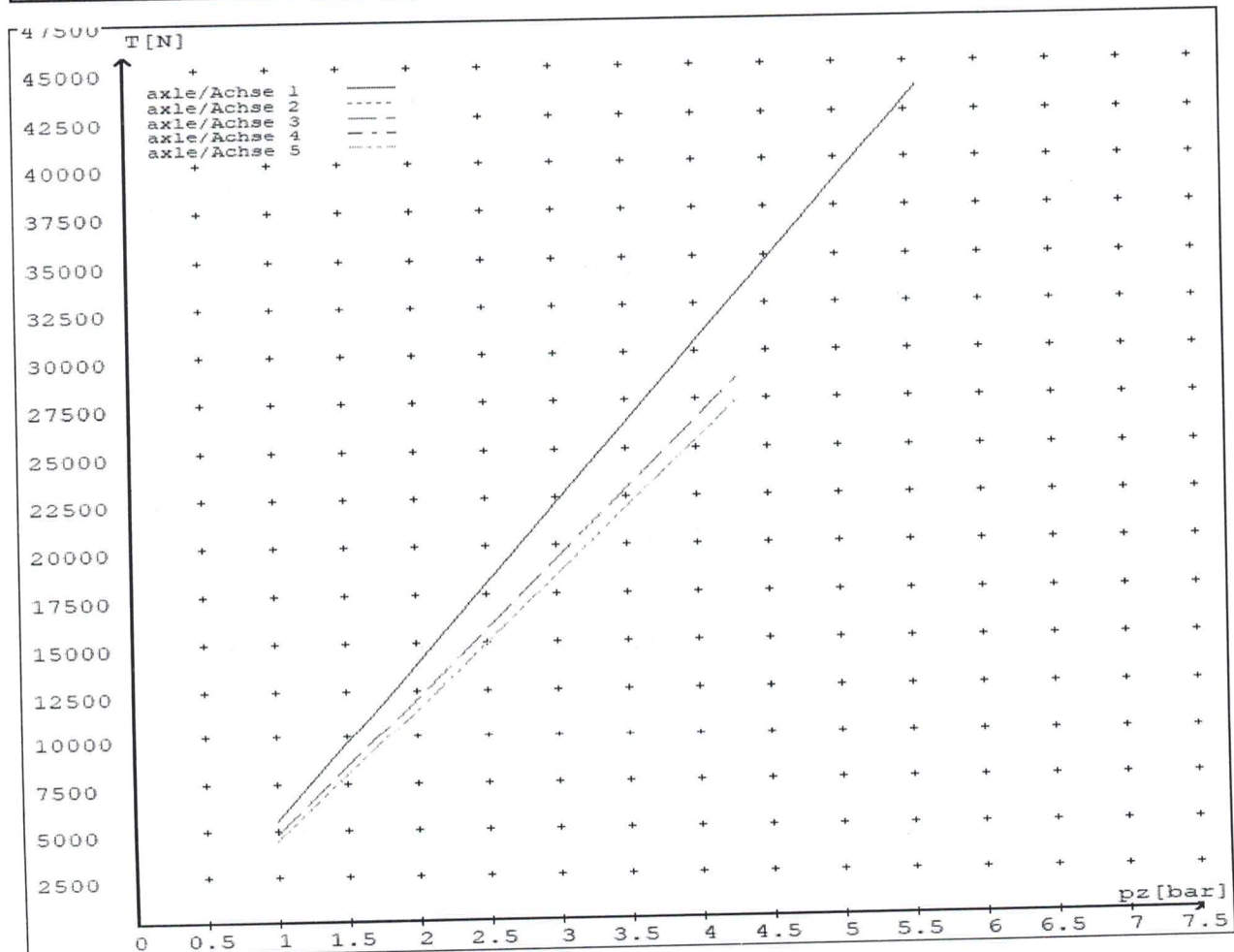
**reference values**

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

	pz [bar]	T [N]	T [N]
axle 1	1.0	5444	
	5.6	43715	
axle 2	1.0	5444	
	5.6	43715	
axle 3	1.0		4708
	4.3		28575
axle 4	1.0		4708
	4.3		28575
axle 5	1.0		4438
	4.3		27391

VIN - no.:

	Axle(s) / Achse(n)				
brake cylinder type (service / parking) Bremszylinder Typ (Betrieb / Fest)	20./	20./	T.16/24	T.16/24	16"/
Maximum stroke smax = ...mm maximaler Hub smax = ....mm	65	65	64	64	65
Lever length = ....mm Hebellänge = ....mm	76	76	76	76	76





**NEW ZEALAND HEAVY VEHICLE BRAKE RULE 32015-5  
WORKSHEET, PROCEDURE DOCUMENTATION SHEET  
& CONFIRMATION OF COMPLIANCE**

**CLIENT**

<b>MANUFACTURER:</b>	DOMETT TRAILERS
<b>ADDRESS:</b>	TAURIKURA DRIVE, TAURANGA 3110
<b>FLEET:</b>	FONTERRA

**VEHICLE DETAILS**

<b>VEHICLE TYPE:</b>	SAFT TANKER	<b>CERT #:</b>	JH201110
<b>YEAR:</b>	2020	<b>CALCULATION #:</b>	TP52168
<b>MAKE:</b>	DOMETT	<b>REGO #:</b>	N/A
<b>MODEL:</b>	E1001	<b>LT400 #:</b>	764502
<b>CHASSIS #:</b>	1964	<b>ORDER #:</b>	7354
<b>VIN #:</b>	7A9E10015L1023964		
<b>GVM: t</b>	30	<b>PRIME MOVER:</b>	EBS / EUROPEAN
<b>LOAD CONFIGURATION:</b>	UNIFORM DENSITY		
<b>GROUP RATINGS: t</b>	<b>FRONT</b>	<b>REAR</b>	
	16	19	
<b>WHEEL BASE: m</b>	5.3		
	<b>UNLADEN COG m</b>	<b>MAX HEIGHT m</b>	<b>HEIGHT DECK m</b>
	0.761	2.4	1.055
<b>COG: m</b>	1.515		
	<b>FRONT</b>	<b>REAR</b>	<b>TOTAL</b>
<b>TARE: t</b>	3	3.6	6.6
	<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: m</b>	1.3	1.3 + 1.655	

**BRAKE & AXLE DETAILS**

	MAKE	MODEL	TEST REPORT
AXLE:	ROR_ASSALI_STEFEN	ROR-SL9 LRC DISC	361-005-16
POLE WHEEL FRONT:	90	POLE WHEEL REAR:	90
LINING MATERIAL:	MAT 5200-215	BRAKE FACTOR:	22.37
SENSED AXLES:	2 + 4	<b>NOTES:</b>	
SERIAL NUMBERS:	1	N/A	SL9LRC
	2	N/A	SL9LRC
	3	N/A	SL9LRC
	4	N/A	SL9LRC
	5	N/A	SL9LRC

**CHAMBER AND VALVING DETAILS**

	AXLE 1 & 2	AXLE 3 & 4	AXLE 5
CHAMBERS:	HALDEX_CHAMBERS	HALDEX_CHAMBERS	HALDEX_CHAMBERS
BRAND:	HALDEX_CHAMBERS	HALDEX_CHAMBERS	HALDEX_CHAMBERS
SIZE:	20, (125 200)	1624 (C476 16 5)	16, (125 160)
STROKE: mm	66	57	65
TEST REPORT #:	BC0175.0	BZ 130.0	BC0169.0
SPRINGBRAKE FORCE: kN	N/A	7.66	N/A
HOLDOFF PRESSURE: Bar	N/A	5	N/A
FOUNDATION BRAKE:	HALDEX	HALDEX	HALDEX
LEVER LENGTH: mm	76	76	76
BRAKE VALVES:	<b>MAKE:</b>	<b>PART NUMBER:</b>	<b>PM PRESS. kPa</b>
ECU PART #:	WABCO	480 102 020 0 (12v)	80 kPa
3RD MODULATOR #:	WABCO	480 207 202 0 (12V)	80 kPa
ANTI-COMPOUNDING:	YES		
SPRING BRAKE RELAY:	SEALCO_SBR	110701	
YARD RELEASE VALVE:	SEALCO_YR	17600B-M	
INLINE RELAY FITTED:	N/A	N/A	
ECU DIRECTION:	<input checked="" type="checkbox"/> FRONT <input type="checkbox"/> REAR	<b>FRONT FRICTION: μ</b>	0.48

**SUBSYSTEMS:**

- SMARTBOARD       OPTI-LINK       CAN ROUTER 446 122 050 0  
 ELEX 446 122 070 0       TAILGUARD

**SUSPENSION**

	FRONT	REAR
<b>SUSPENSION TYPE:</b>	PNEUMATIC	PNEUMATIC
<b>MAKE:</b>	ROR_AIRSPRING	ROR_AIRSPRING
<b>MODEL:</b>	ROR_INTRA	ROR_INTRA
<b>BELLOW SIZE:</b>	SL9 LRC	SL9 LRC
<b>HEIGHT CONTROL VALVE:</b>	464 008 011 0	464 008 011 0
<b>OTHER VALVES:</b>	N/A	N/A
<b>RIDE HEIGHT mm :</b>	250	250
<b>HANGER HEIGHT mm :</b>	225	225
<b>PEDESTAL HEIGHT mm :</b>	75	75
<b>LIFTAXLE:</b>		N/A
<b>TIPPING DUMP SWITCH:</b>		N/A
<b>LIFTAXLE VALVE:</b>		N/A
<b>PRESSURE LIMITING:</b>		N/A

**AIR TANKS**

<b>AIR TANKS STANDARD:</b>	SAE J10A / EN286-2	
	FRONT	REAR
<b>BRAKE TANK SIZE: L</b>	46	46 + 25
<b>AUXILLARY TANK SIZE: L</b>	N/A	46
<b>PRESSURE PROTECTION:</b>	WABCO PEM: 461 513 002 0	

**AIR LINES**

<b>TEST POINTS:</b>		
<b>CONTROL LINE:</b>	X 1	<b>TANK:</b> X 1
<b>REAR CHAMBER:</b>	X 2	<b>FRONT CHAMBER:</b> X 1
<b>DUOMATIC COLOUR CODED:</b>	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:	<input checked="" type="checkbox"/>	VALVE MOUNTING:	<input checked="" type="checkbox"/>
ECU BLANKING PLUGS CHECKED:	<input checked="" type="checkbox"/>		
RESPONSE TIME:	MODULATOR 2.1	MODULATOR 2.2	RELAY VALVE
ms:	200	210	385

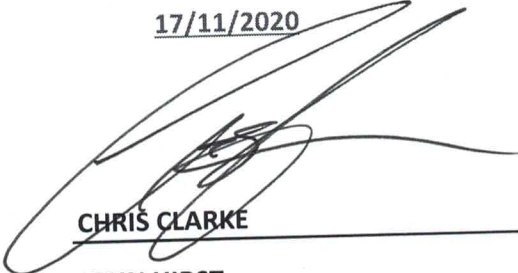
**NOTES AND SPECIAL CONDITIONS**

REASON FOR CERTIFICATION: NEW TRAILER

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 32015/5, SCHEDULE 5.

DATE: 17/11/2020

SIGNED: 

CERTIFIER NAME & ID: CHRIS CLARKE CJC

SODC BY: JOHN HIRST JEH

PHONE (BUS): 09-980-7300

FAX:

POSTAL ADDRESS: P.O. Box 98-971, Manukau 2241  
New Zealand

**NOTICE TO VEHICLE OPERATOR**

***THIS VEHICLE HAS A BRAKE SYSTEM WHICH HAS BEEN DESIGNED AND FITTED IN ACCORDANCE WITH THE LAND TRANSPORT HEAVY VEHICLE BRAKE RULE 32015/5.***

***IF THIS VEHICLE IS OPERATED IN CONJUNCTION WITH NON-CERTIFIED VEHICLES, THERE MAY BE OPERATIONAL FACTORS WHICH NEED TO BE TAKEN INTO CONSIDERATION.***

***PLEASE REFER TO THE CERTIFIER FOR FURTHER INFORMATION.***

**EXCERPT FROM LAND TRANSPORT RULE; HEAVY-VEHICLE BRAKES RULE 32015/5. SECTION 10,**

**10.1 RESPONSIBILITIES OF OPERATORS**

A person who operates a vehicle must ensure that the vehicle complies with this rule.

**10.2 RESPONSIBILITIES OF REPAIRERS**

A person who repairs or adjusts a brake must ensure that the repair or adjustment:

- a) does not prevent the vehicle from complying with this rule;
- b) complies with Land Transport Rule: Vehicle Repair 1998.

**10.3 RESPONSIBILITIES OF MODIFIERS**

A person who modifies a vehicle so as to affect the braking performance of the vehicle must:

- a) ensure that the modification does not prevent the vehicle from complying with this Rule; and
- b) notify the operator that the vehicle must be inspected and, if necessary, certified by person or organisation appointed to carry out specialist inspection and certification of heavy vehicle brakes.

***IF YOU ARE UNSURE ABOUT YOUR RESPONSIBILITIES, PLEASE CONTACT THE VEHICLE MANUFACTURER, OR MYSELF.***

***COMPLAINTS. Complaints and Warranty issues which relate to Brake Certification will be acknowledged within 7 working days and a resolution proposed within 25 working days. Resolution of complaints and Warranty issues is subject to Transpecs Warranty policy. Customers have the right to appeal to the New Zealand Transport Authority if dissatisfied with a Compliance issue. (Refer NZTA Deed Of Appointment Para 47.4) NZTA Helpdesk 0800 699 000***

(p.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 32015/5, it must be used only in conjunction with a truck/tractor equipped with a 5 or 7 pin ABS/EBS power supply socket.

Failure to connect to such supply invalidates Brake Rule compliance.

The trailer ABS/EBS warning light on the towing vehicle dashboard must illuminate when the ignition is switched on and extinguish when the vehicle is in motion.

If the light does not illuminate when ignition is switched on, the system must be checked. If the light remains illuminated when the vehicle is in motion, Brake Rule compliance is compromised. Repairs must be made as soon as possible.

**If you are unsure of your responsibilities and/or obligations, please contact either the vehicle manufacturer or myself.**

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

