

# Heavy vehicle specialist certificate

Heavy vehicle specialist inspector's or manufacturing organisation's name (print name) **CHRIS CLARKE** ID **CJC**

Plate number (optional) \_\_\_\_\_ VIN/chassis number **7A9E15018N2023242**

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

Model (optional) **E1501**  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: NZ HEAVY VEHICLE BRAKE SPECIFICATION.

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

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

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

**REASON FOR CERTIFICATION: NEW TRAILER BUILD**

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 JH221128**

**BRAKE CALCULATION # TP52592**

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) \_\_\_\_\_ Hubodometer reading (whichever comes first) \_\_\_\_\_

**N/A [UNLESS MODIFIED]** **OR** \_\_\_\_\_

### 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 JEH**

Inspector's signature 

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

Date **22.12.2022** Number **855377**

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	480 102 080 0
Production date	2022-11-03	Serial number	897042713500J
Serial number (modulator)	000000563249		
Fingerprint Customer EOL / Customer Development / Flash Program	W503643 / 2022-12-22 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00		

## WABCO

## TRAILER EBS-E

GGV/ADR TÜEH TB 2007 - 019.00  
361-005-16

HERSTELLER FABRIK CONSTRUCTEUR	DOMETT TRAILERS		
TYPE TYPE	5AFT PLATFORM		
VERSION ET/OU N° IDENTIFICATION	7A9E15018N2023242		
CHASSIS NUMBER NUMERO DE CHASSIS	TP52592A		
PRESTATION/NUMERO NR BRAKE CALCULATION NO. CALCUL DE FREINAGE NO.	90	90	ASS system ASS-system Systeme ABS
POLYADZANNEZHL. c-d / e-f POLE WHEEL TEETH - c-d / e-f DENTS ROUE D'ENTEE c-d / e-f	90	90	4S/3M
Einbaueinrichtung Single Tire Solelle simple		Lenkachse Steering axle	
Zwillingseinrichtung Twin Tire Mach. jumele	X	Esape vreau Kipptastisches Fahrzeug Gimbal Trailer Vehicule surl'axe	
Subsystems	...	I/O	24N

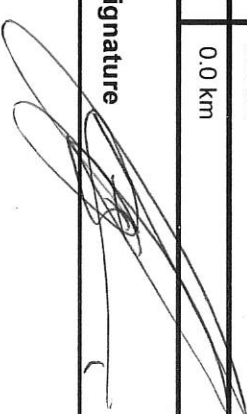
GIO	Pin1	Pin3	Pin4
1	TAV1	MH	TAV1
2	eTASC	---	eTASC
3	ALS2	ALS2	---
4	---	---	LS1
5	DIAG	DIAG	DIAG
6	---	---	---
7	---	---	---

ACHSE AXLE ESSIEU	pm (bar)	6.5	pm (bar)	0.7	2.0	6.5	pz	TYPE	(mm)	(mm)	TR (daN)	(bar)			
												1.0	Pz		
1	1600	0.6	2.1	8000	4.4	0.4	1.3	---	5.8	-	20	66	76	540	4507
2	1600	0.6	2.1	8000	4.4	0.4	1.3	---	5.8	-	20	66	76	540	4507
3	1300	0.4	1.6	6350	3.4	0.4	1.5	---	4.3	-	16 / 24	65	76	440	2720
4	1300	0.4	1.6	6350	3.4	0.4	1.5	---	4.3	-	16 / 24	65	76	440	2720
5	1300	0.4	1.6	6350	3.4	0.4	1.5	---	4.3	1	16	65	76	440	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.	7A9E15018N2023242
Vehicle type	5AFT PLATFORM	Odometer reading	0.0 km
Next service	0 km	Trip reading	0.0 km
Tester	Chris Clarke	Signature 	
Date	2022-12-22 1:07:41 pm		

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

distribution: DOMETT TRAILLERS

7A9E15018N2023242

SODC: JH221128

LT400: CJC 85567 **A**

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!  
 WABCOBrake V6:18.07/12 db 31.08.2018

vehicle manufacturer: DOMETT TRAILLERS  
 trailer model : SAFT PLATFORM

trailer type : 5-axle-full-trailer

remarks : air / hydraulic / VA suspension

WABCO TRAILLER - EBS E

TRISTOP 3+4: 16/24

265/70 R 19,5

**THE FRONT CHAMBERS ARE HALDEX IT20. 125.200 001**

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

		unladen	laden
total mass	P in kg	7100	35050
axle 1	P1 in kg	1600	8000
axle 2	P2 in kg	1600	8000
axle 3	P3 in kg	1300	6350
axle 4	P4 in kg	1300	6350
axle 5	P5 in kg	1300	6350
wheel base	E in mm	6630	6730
centre of gravity height	h in mm	1025	2070

	axle 1	axle 2	axle 3	axle 4	axle 5
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 122.1BC	0165.2BC	0165.2BC	0169.2
brake chamber manufacturer	Meritor	Meritor	HalDEX	HalDEX	HalDEX
chamber size	20.	20.	16/24	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:

	min)	pH at z=22, 5%bar	max)	pH at z=22, 5%bar
chamber pressure(rdyn	2.1	2.1	2.0	2.0
chamber pressure(rdyn	2.1	2.1	2.0	2.0
chamber press.(servo)	5.8	5.8	4.3	4.3
piston force	6702	6702	4058	4058
brake force(rdyn min)	54273	54273	32760	32760
brake force(rdyn max)	54273	54273	32760	32760
Brake force incl. 1 % rolling resistance	22.2	22.2	18.5	18.5
proportion				

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: 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:

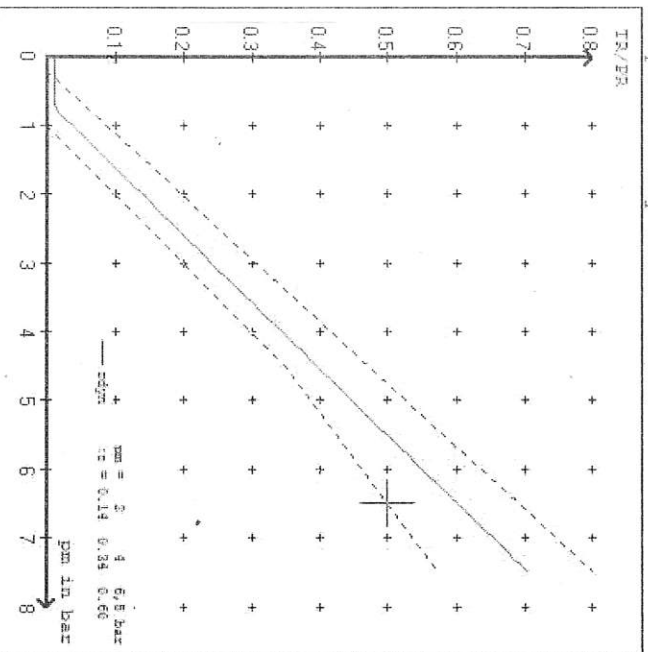
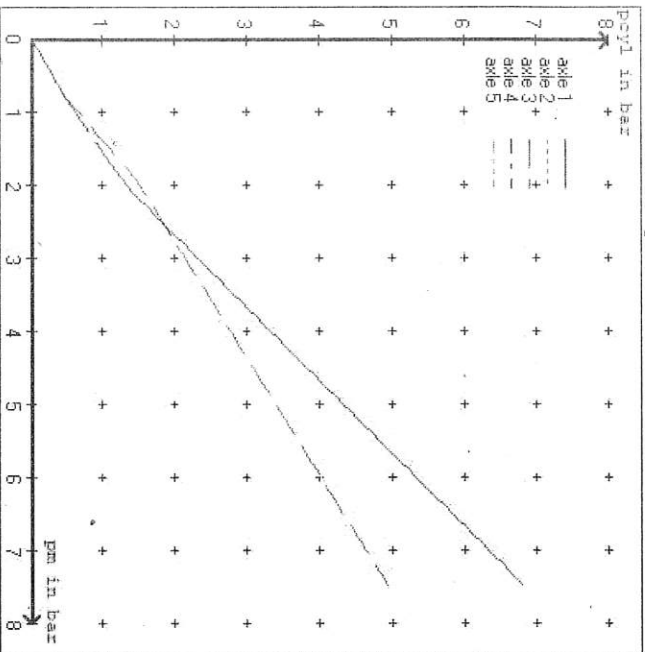
valve 1: 480 102 0.. 0                    WABCO  
EBS trailer modulator

brake cylinder: Haldex                    135 1624 ... / 175 1624...

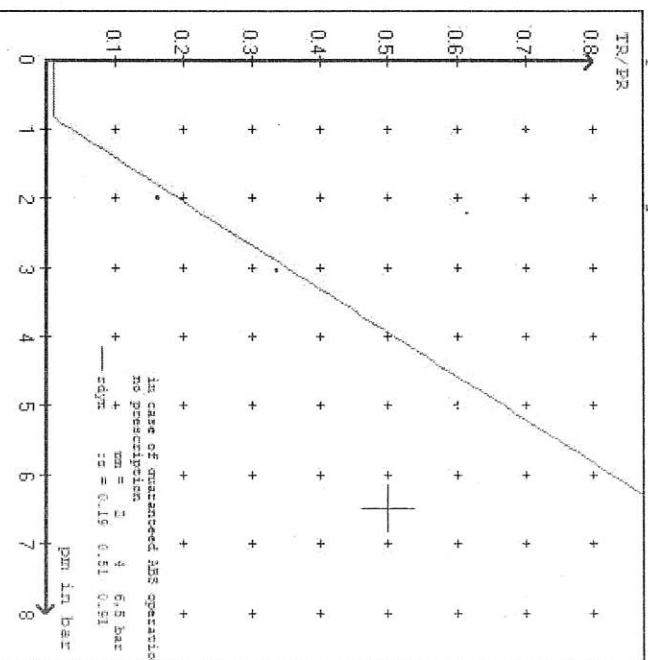
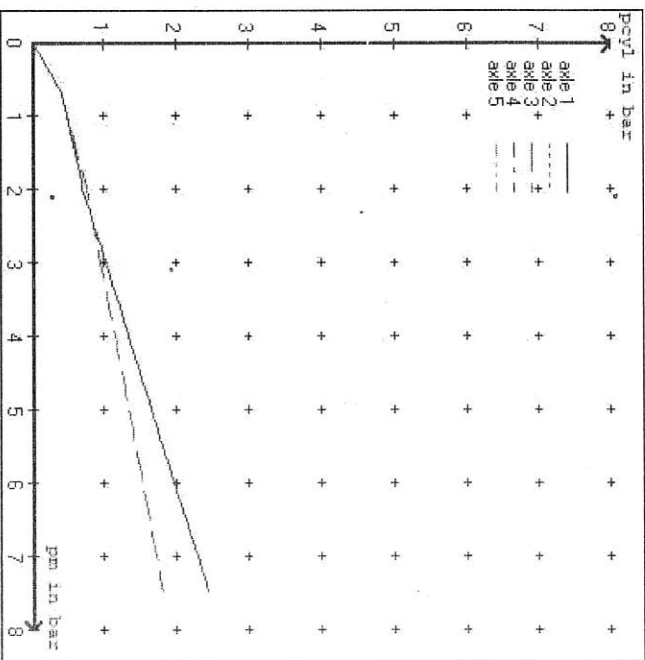
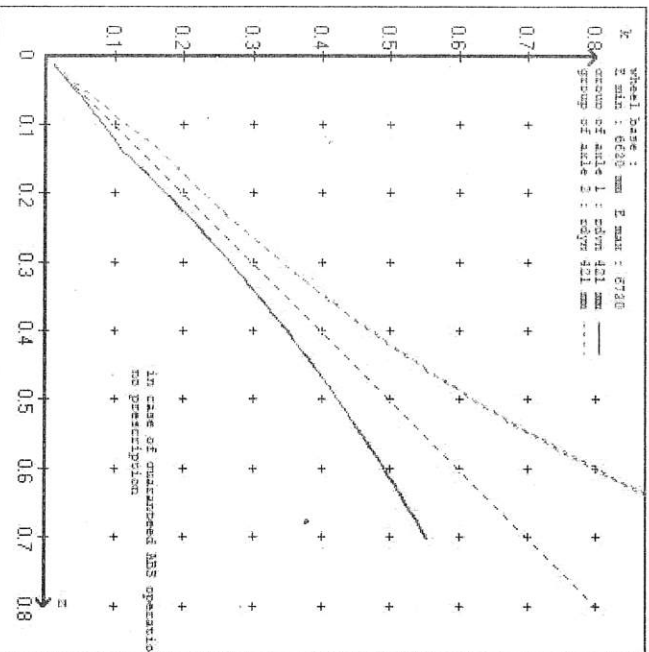
axle 4:  
valve 1: 480 102 0.. 0 WABCO  
EBS trailer modulator  
brake cylinder: Haldex 135 1624 ... / 175 1624...

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..

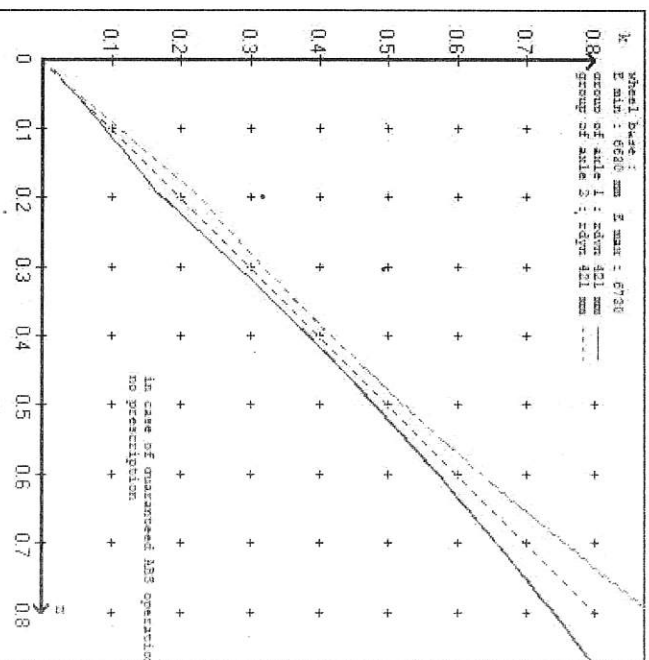
test type III (zIII = 0.30) for rdyn min : axle1 axle2 axle3 axle4 axle5  
at pm 3.6 bar => pcha in bar : 2.9 2.9 2.5 2.5  
test type III (zIII = 0.06) for rdyn min : axle1 axle2 axle3 axle4 axle5  
at pm 1.2 bar => pcha in bar : 0.8 0.8 0.9 0.9 0.9



curves of friction laden



curves of friction unladen



vehicle manufacturer: DOMETT TRAILERS  
 trailer model : SAFT PLATFORM  
 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 16/24 (Haldex) lever length 76 mm  
 axle 4 : 2 x type/diameter 16/24 (Haldex) 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 : SAFT PLATFORM  
 trailer type : 5-axle-full-trailer  
 brake calculation no. : TP 52592A

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

axle	control pressure pm		brake pr. unladen	axle load laden	control pressure pm		brake pr. laden	axle load laden
	axle load unladen	bellow pr. unladen			axle load laden	bellow pr. laden		
1	1600	to be	2.1	8000	0.4	1.3	5.8	
2	1600	entered by	2.1	8000	0.4	1.3	5.8	
3	1300	the vehicle	1.6	6350	0.4	1.5	4.3	
4	1300	manufact.	1.6	6350	0.4	1.5	4.3	
5	1300	manufact.	1.6	6350	0.4	1.5	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	axle load	axle load	axle load	axle load
pcyl1	pcyl1	pcyl1	pcyl1	pcyl1
1600	1600	1300	1300	1300
2100	2100	1800	1800	1800
2600	2600	2300	2300	2300
3100	3100	2800	2800	2800
3600	3600	3300	3300	3300
4100	4100	3800	3800	3800
4600	4600	4300	4300	4300
5100	5100	4800	4800	4800
8000	8000	6350	6350	6350
2.1	2.1	1.6	1.6	1.6
2.4	2.4	1.9	1.9	1.9
2.7	2.7	2.1	2.1	2.1
3.0	3.0	2.4	2.4	2.4
3.3	3.3	2.7	2.7	2.7
3.5	3.5	2.9	2.9	2.9
3.8	3.8	3.2	3.2	3.2
4.1	4.1	3.5	3.5	3.5
5.8	5.8	4.3	4.3	4.3

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

axle 1 : reference axle: Assall1 SteflIM or LC or TMen	brake lining: MAT 5200-215
test report : 361-005-16 ECE	date : HI090216 09.02.2016
axle 2 : reference axle: Assall1 SteflIM or LC or TMen	brake lining: MAT 5200-215
test report : 361-005-16 ECE	date : HI090216 09.02.2016
axle 3 : reference axle: Assall1 SteflIM or LC or TMen	brake lining: MAT 5200-215
test report : 361-005-16 ECE	date : HI090216 09.02.2016
axle 4 : reference axle: Assall1 SteflIM or LC or TMen	brake lining: MAT 5200-215
test report : 361-005-16 ECE	date : HI090216 09.02.2016
axle 5 : reference axle: Assall1 SteflIM or LC or TMen	brake lining: MAT 5200-215
test report : 361-005-16 ECE	date : HI090216 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 = 25.1 % Fe
axle 2 (rdyn 421 mm)	T = 25.1 % Fe
axle 3 (rdyn 421 mm)	T = 17.6 % Fe
axle 4 (rdyn 421 mm)	T = 17.6 % Fe
axle 5 (rdyn 421 mm)	T = 17.6 % 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 = 50 mm)	S = 42 mm
axle 4 (sp = 50 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 = 6702 N
axle2	ThA = 6702 N
axle3	ThA = 4058 N
axle4	ThA = 4058 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 = 39378 N
axle 2 (rdyn 421 mm)	T = 39378 N
axle 3 (rdyn 421 mm)	T = 23814 N
axle 4 (rdyn 421 mm)	T = 23814 N
axle 5 (rdyn 421 mm)	T = 23814 N

basic test of subject trailer (E)	type III (calculated) residual
braking rate of the vehicle (item 4.3.2 to appendix 2 to annex 11)	(hot)braking 0.44

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 = 39378 N
axle 2 (rdyn 421 mm)	T = 39378 N
axle 3 (rdyn 421 mm)	T = 23814 N
axle 4 (rdyn 421 mm)	T = 23814 N
axle 5 (rdyn 421 mm)	T = 23814 N

basic test of subject trailer (E)	type III (calculated) residual
braking rate of the vehicle (item 4.3.2 to appendix 2 to annex 11)	(hot)braking 0.44

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

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



spring parking brake

	axle 3	axle 4
no of TRISTOP-actuators per axle line KDZ	2	2
TRISTOP-actuator type	16/24	16/24
lever length	76	76
stat. tyre radius	401	401
	LBh in mm	LBh in mm
	rstat max in mm	rstat max in mm
at a stroke of	s	in mm
min. force of spring brake	TFZ in N	TFZ in N
sp.brake chamber no Haldex	135 162	135 162
sp.brake chamber no Haldex	175 162	175 162
release pressure	5.2	5.2
	plus in bar	

calculation:

ratio until road  
 $iFB = LBh * \text{Eta} + C * rBt / (rBn * rstat)$   
 for rstat in mm  
 brake force of spring br. TF in N  
 $TF = (TFZ * KDZ - 2 * Co / LBh) * iFB$   
 braking rate  
 $zf = \text{sum}(TF) / P + 0,01$   
 zf laden 0.302

Test of the frictional connection required by the parking brake

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

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

min Ef = 5131 mm for E = 6630 mm  
 min Ef = 5200 mm for E = 6730 mm

min Ef = minimum distance between front axle(s) (trailer) or support (semitrailer)  
 and the rear axle(s) (resultant of the bogie)  
 E = wheel base  
 fznl = 0.80 maximum permissible frictional connection required  
 zferf = 0.18 maximum required braking ratio of the parking brake  
 h = 2070 mm height of center of gravity - laden  
 PR = 19050 kg maximum bogie mass - laden  
 P = 35050 kg maximum total mass - laden  
 nf = 2 no. of axle(s) with TRISTOP spring brake actuators  
 ng = 3 no. of bogie axle(s)

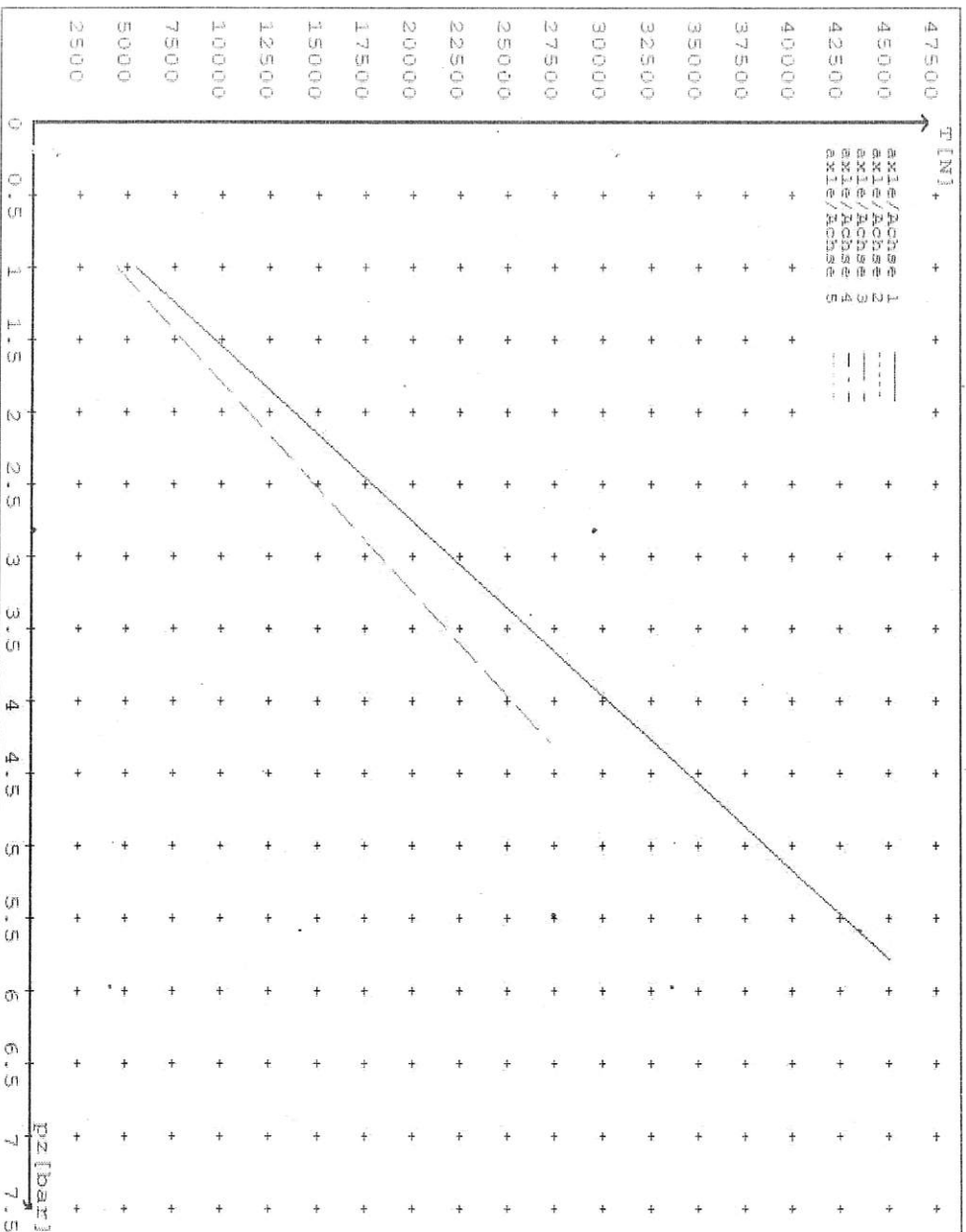
**reference values**

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

	pz [bar]	T [N]	T [N]
axle 1	1.0 5.8	5408 45077	
axle 2	1.0 5.8	5408 45077	
axle 3	1.0 4.3	4408 27209	
axle 4	1.0 4.3	4408 27209	
axle 5	1.0 4.3	4408 27209	

VIN - no.:

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





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

**CLIENT**

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

**VEHICLE DETAILS**

<b>VEHICLE TYPE:</b>	SAFT PLATFORM	<b>CERT #:</b>	JH221128
<b>YEAR:</b>	2022	<b>CALCULATION #:</b>	TP52592
<b>MAKE:</b>	DOMETT	<b>REGO #:</b>	N/A
<b>MODEL:</b>	E1501	<b>LT400 #:</b>	855376
<b>CHASSIS #:</b>	2242	<b>ORDER #:</b>	9168

<b>VIN #:</b>	7A9E15018N2023242		
<b>GVM: t</b>	30	<b>PRIME MOVER:</b>	UNKNOWN

**LOAD CONFIGURATION:**

MIXED FREIGHT
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**GROUP RATINGS: t**

FRONT	REAR
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16	19
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**WHEEL BASE: m**

6.68
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<b>UNLADEN COG m</b>	<b>MAX HEIGHT m</b>	<b>HEIGHT DECK m</b>
1.025	4.3	1.143

<b>COG: m</b>	2.071
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FRONT	REAR	TOTAL
3.28	4	7.28

<b>TYRE SIZE:</b>	<b>FRONT</b>	<b>REAR</b>
	265 70 R19.5	265 70 R19.5

<b>ROLLING CIRCUMFERENCE: mm</b>	2645	2645
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<b>AXLE SPACING: m</b>	1.31	2.51
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**BRAKE & AXLE DETAILS**

	MAKE	MODEL	TEST REPORT
AXLE:	ROR_ASSALL_STEFFEN	ROR-SL9 TSA	361-005-16
POLE WHEEL FRONT:	90	POLE WHEEL REAR:	90
LINING MATERIAL:	MAT 5200-215	BRAKE FACTOR:	22.37
SENSED AXLES:	2 + 4	NOTES:	

SERIAL NUMBERS:	1	2	3	4	5
	N/A	N/A	N/A	N/A	N/A
	ROR SL9	ROR SL9	ROR SL9	ROR SL9	ROR SL9

**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 (135 1624)	16, (125 160)
STROKE: mm	66	65	65
TEST REPORT #:	BC0175.0	BC0165.0	BC0169.0
SPRINGBRAKE FORCE: kN	N/A	6.003	N/A
HOLDOFF PRESSURE: Bar	N/A	5.2	N/A
FOUNDATION BRAKE:	HALDEX	HALDEX	HALDEX
LEVER LENGTH: mm	74	74	74
BRAKE VALVES:	MAKE:	PART NUMBER:	PM PRESS. kPa
ECU PART #:	WABCO	480 102 08.0 (MV)	70 kPa
3RD MODULATOR #:	WABCO	480 207 202 0 (12V)	70 kPa
ANTI-COMPOUNDING:	YES		
SPRING BRAKE RELAY:	SEALCO_SBR	110701	
YARD RELEASE VALVE:	SEALCO_YR	17600B	
INLINE RELAY FITTED:	N/A	N/A	

ECU DIRECTION:  FRONT  REAR **FRONT FRICTION:  $\mu$**

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

**SUSPENSION**

	FRONT	REAR
SUSPENSION TYPE:	PNEUMATIC	ELECTRONIC
MAKE:	ROR_AIRSPRING	ROR_AIRSPRING
MODEL:	ROR_INTRA	ROR_INTRA
BELLOW SIZE:	SL9 TSA	SL9 TSA
HEIGHT CONTROL VALVE:	HALDEX 90554950	441 050 100 0
OTHER VALVES:	N/A	463 090 500 0 (eTASC)
RIDE HEIGHT mm :	330	330
HANGER HEIGHT mm :	175	175
PEDESTAL HEIGHT mm :	8	8
LIFTAXLE:	N/A	N/A
TIPPING DUMP SWITCH:	N/A	N/A
LIFTAXLE VALVE:	N/A	N/A
PRESSURE LIMITING:	N/A	N/A

**AIR TANKS**

AIR TANKS STANDARD:	SAE J10A / EN286-2	
	FRONT	REAR
BRAKE TANK SIZE: L	46	46 + 25
AUXILIARY TANK SIZE: L	N/A	46
PRESSURE PROTECTION:	SEALCO 1300	

**AIR LINES**

TEST POINTS:		
CONTROL LINE:	X 1	TANK: X 1
REAR CHAMBER:	X 2	FRONT CHAMBER: X 1
DUOMATIC COLOUR CODED:	YES	

**HEAVY VEHICL BRAKE RULE - 32015 (TRAILER)**

- SCHEDULE 4     
  SCHEDULE 5     
  SECTION 6     
  APPROVED STD

**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, SKETCHES AND SPECIAL CONDITIONS**

FILES RECEIVED: 09.08.22      FILES CREATED: 24.11.22  
 FILES SENT: 30.11.22  
 REQUEST A COPY OF THE TARE WEIGHT DOCKET     

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FILES RETURNED AS COMPLETE:      NEW TRAILER BUILD  
 REASON FOR CERTIFICATION:

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, SCHEDULE 5.**

DATE:      30/11/2022

SIGNED:        
 CERTIFIER NAME & ID:      CHRIS CLARKE      CIC  
 SODC BY:      JOHN HIRST      JEH

PHONE (BUS):      09-980-7300  
 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.**

**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.**

**EXCEPT FROM LAND TRANSPORT RULE; HEAVY-VEHICLE BRAKES RULE 32015.**

### **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 Agency if dissatisfied with a Compliance issue. (Refer NZTA Notice Of Appointment Para 47.4) NZTA Helpdesk 0800 108 809**



## **NOTICE TO VEHICLE OPERATOR**

This trailer is equipped with an Electronic Brake System.

To comply with the New Zealand Heavy Vehicle Brake Rule 32015, 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.

A handwritten signature in black ink, appearing to read 'J E Hirst', written over the printed name and contact information.

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