

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name (PRINT IN CAPS) <b>CHRIS CLARKE</b>	ID <b>CJC</b>
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Plate number (optional)	VIN/chassis number <b>7A9E20017P2023266</b>
Make <b>DOMETT</b>	Component being certified: <input type="checkbox"/> Chassis <input type="checkbox"/> Load anchorage
Model (optional) <b>E2001 PH</b>	<input type="checkbox"/> Log bolsters <input type="checkbox"/> Towing connection <input checked="" type="checkbox"/> Brakes
Certification category <b>HVEK</b>	<input type="checkbox"/> SRT <input type="checkbox"/> PSV stability <input type="checkbox"/> PSV rollover
	<input type="checkbox"/> Swept path <input type="checkbox"/> 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.

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

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

**REASON FOR CERTIFICATE: NEW TRAILER BUILD**

Code/standard/rule certified to <b>LTR 32015</b>	Component load rating(s) <b>32 Tonnes GVM</b>
General drawing number(s) <b>N/A</b>	<b>16 Tonne (Front brake mass)</b>
	<b>19 Tonne (Rear brake mass)</b>

Supporting documents	
<b>BRAKE RULE CERTIFICATE</b>	<b>JH230523</b>
<b>BRAKE CALCULATIC #</b>	<b>TP52631</b>

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) <b>N/A [UNLESS MODIFIED]</b>	or	Hubodometer reading (whichever comes first)
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**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) ID number  
**CHRIS CLARKE** **CJC**

Date Number  
**25.05.2003** **872774**

CoF vehicle inspector ID (if applicable)	CoF vehicle inspector signature (if applicable)	Date
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All fields are mandatory unless otherwise stated.

# WABCO START-UP LOG

System	Trailer EBS-E	WABCO part number	480 102 080 0
Production date	2023-03-31	Serial number	897043505300L
Serial number (modulator)	000000570933		
Fingerprint Customer EOL / Customer Development / Flash Program	W503643 / 2023-05-25 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00		

## WABCO TRAILER EBS-E

GGVS/ADR TUEH TB 2007 - 019.00  
TDB0749

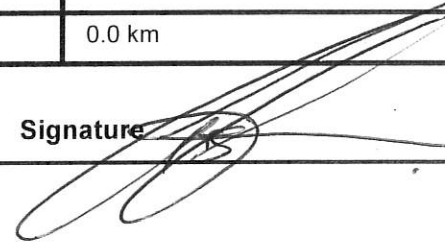
HERSTELLER MANUFACTURER CONSTRUCTEUR	DOMETT TRAILERS			GIO	Pin1	Pin3	Pin4
TYP TYPE TYPE	5AFT CURTAIN SIDE			1	---	---	---
VEHICLE IDENT. NUMBER CHASSIS NUMBER NUMERO DE CHASSIS	7A9E20017P2023266			2	---	---	---
BREMSBERECHNUNGS-NR. BRAKE CALCULATION NO. CALCUL DE FREINAGE NO.	TP52631A			3	ALS2	ALS2	---
POLRADZÄHNEZAHL 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	4	---	---	---
			4S/3M	5	DIAG	DIAG	DIAG
RSS RSS RSS	Einfachbereifung Single tire Monte simple		Lenkachse Steering axle Essieu vireur	6	---	---	---
	Zwillingsbereifung Twin tires / Super single Monte jumetée	X	Kippkritisches Fahrzeug Critical Trailer Vehicule critique	7	---	---	---
Subsystems	SB	I/O	24N				

ACHSE AXLE ESSIEU	pm (bar)		6.5		pm (bar)		0.8		2.0		---		6.5		TYP TYPE	(mm)	(mm)	(bar)	
	+	-	+	-	+	-	+	-	+	-	+	-	1.0	Pz				TR (daN)	
1	1550	0.6	2.0	8000	5.1	0.4	1.3	---	5.9	-	20	65	69	504	4287				
2	1550	0.6	2.0	8000	5.1	0.4	1.3	---	5.9	-	20	65	69	504	4287				
3	1300	0.5	1.7	6350	4.0	0.3	1.4	---	4.8	-	14 / 16	64	69	484	2870				
4	1300	0.5	1.7	6350	4.0	0.3	1.4	---	4.8	-	14 / 16	64	69	484	2870				
5	1300	0.5	1.7	6350	4.0	0.3	1.4	---	4.8	-	14	64	69	484	2870				

### 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.	7A9E20017P2023266
Vehicle type	5AFT CURTAIN SIDE	Odometer reading	0.0 km
Next service	0 km	Trip reading	0.0 km
Tester	Chris Clarke		
Date	2023-05-25 12:24:34 pm		



## 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.***

**EXCERPT 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***

**(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, 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.**

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.

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.**

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



**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>	MAINFREIGHT

**VEHICLE DETAILS**

<b>VEHICLE TYPE:</b>	5AFT CURTAINSIDE	<b>CERT #:</b>	JH230523
<b>YEAR:</b>	2023	<b>CALCULATION #:</b>	TP52631
<b>MAKE:</b>	DOMETT	<b>REGO #:</b>	N/A
<b>MODEL:</b>	E2001 PH	<b>LT400 #:</b>	872774
<b>CHASSIS #:</b>	2266	<b>ORDER #:</b>	9439
<b>VIN #:</b>	7A9E20017P2023266		
<b>GVM: t</b>	32	<b>PRIME MOVER:</b>	EBS / EUROPEAN
<b>LOAD CONFIGURATION:</b>	MIXED FREIGHT		
<b>GROUP RATINGS: t</b>	<b>FRONT</b>	<b>REAR</b>	
	16	19	
<b>WHEEL BASE: m</b>	7.5		
	<b>UNLADEN COG m</b>	<b>MAX HEIGHT m</b>	<b>HEIGHT DECK m</b>
	1.055	4.3	1.09
<b>COG: m</b>	2.081		
	<b>FRONT</b>	<b>REAR</b>	<b>TOTAL</b>
<b>TARE: t</b>	3.1	4	7.1
	<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>	1.31	2.51	

**BRAKE & AXLE DETAILS**

	MAKE	MODEL	TEST REPORT
AXLE:	SAF	SAF-ZI9W	TDB0749
POLE WHEEL FRONT:	90	POLE WHEEL REAR:	90
LINING MATERIAL:	JURID 539	BRAKE FACTOR:	23.03
SENSED AXLE(S):	# 2 + 4	NOTES:	
SERIAL NUMBERS:	1	N/A	SAF NG-IU28
	2	N/A	SAF NG-IU28
	3	N/A	SAF NG-IU28
	4	N/A	SAF NG-IU28
	5	N/A	SAF NG-IU28

**CHAMBER AND VALVING DETAILS**

CHAMBERS:	AXLE 1 & 2	AXLE 3 & 4	AXLE 5
BRAND:	TSE_CHAMBERS	TSE_CHAMBERS	TSE_CHAMBERS
SIZE:	20HSCLD	1416HTLD	14HSCLD
STROKE: mm	65	64	64
TEST REPORT #:	BC 0041.0 Jul '07	BC0143.0	BZ 122.1 Sep '00
SPRINGBRAKE FORCE: kN	N/A	6.16	N/A
HOLDOFF PRESSURE: Bar	N/A	4.8	N/A
FOUNDATION BRAKE	WABCO PAN19	WABCO PAN19	WABCO PAN19
LEVER LENGTH: mm	69	69	69
BRAKE VALVES:	MAKE:	PART NUMBER:	PM PRESS. kPa
ECU PART #:	WABCO	480 102 08. 0 (MV)	80 kPa
3RD MODULATOR #:	WABCO	480 207 202 0 (12V)	80 kPa
ANTI-COMPOUNDING:	YES		
SPRING BRAKE RELAY:	WABCO_PREV	971 002 900 0	
YARD RELEASE VALVE:	WABCO-PREV	971 002 900 0	
INLINE RELAY FITTED:	N/A		
ECU DIRECTION:	<input checked="" type="checkbox"/> FRONT <input type="checkbox"/> REAR	FRONT FRICTION: $\mu$	0.48
SUBSYSTEMS:	<input type="checkbox"/> SMARTBOARD	<input type="checkbox"/> OPTI-LINK	<input type="checkbox"/> CAN ROUTER 446 122 050 0
	<input type="checkbox"/> ELEX 446 122 070 0	<input type="checkbox"/> TAILGUARD	

## SUSPENSION

	FRONT	REAR
SUSPENSION TYPE:	PNEUMATIC	PNEUMATIC
MAKE:	SAF_AIRSPRING	SAF_AIRSPRING
MODEL:	SAF_INTRA	SAF_INTRA
BELLOW SIZE:	2619, 300mm	2619, 300mm
HEIGHT CONTROL VALVE:	HALDEX 90554950	HALDEX 90554950
OTHER VALVES:	N/A	N/A
RIDE HEIGHT <i>mm</i> :	260	260
HANGER HEIGHT <i>mm</i> :	200	200
PEDESTAL HEIGHT <i>mm</i> :	50	50
LIFTAXLE:		N/A
TIPPING DUMP SWITCH:		N/A
LIFTAXLE VALVE:		N/A
PRESSURE LIMITING:		N/A

## AIR TANKS

AIR TANKS STANDARD:	SAE J10A / EN286-2	
	FRONT	REAR
BRAKE TANK SIZE: <i>L</i>	46	46 + 25
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		



**HEAVY VEHICLE 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:

200

200

355

**NOTES, SKETCHES AND SPECIAL CONDITIONS**

FILES RECEIVED: 28.02.2023

FILES CREATED: 22.05.2023

FILES SENT: 22.05.2023

REQUEST A COPY OF THE TARE WEIGHT DOCKET

Multiple horizontal lines for notes and sketches.

FILES RETURNED AS COMPLETE:

REASON FOR CERTIFICATION: NEW TRAILER BUILD

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: 25/05/2023

SIGNED:

CERTIFIER NAME & ID: CHRIS CLARKE CJC

SODC BY: JOHN HIRST JEH

PHONE (BUS): 09-980-7300

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