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*:

VIN/Chassis Number: 7A9E35014E1023271

Component being certified:

- [ ] Chassis Modification
- [ ] Load Anchorage
- [ ] Log Bolsters
- [ ] Towing Connection
- [X] Brakes
- [ ] SRT
- [ ] PSV Stability
- [ ] PSV Rollover
- [ ] Swept Path
- [ ] PBS

Certification Category: HVEK

Description of Work:

CERTIFY TO SCHEDULE 5

ROLL STABILTY FUNCTION ACTIVATED

Code/Standard/Rule Certified to: HVBR 32015/3 Schedule 5

Component Load Rating(s): 32000KG

General Drawing Number(s): N/A

Supporting Documents:

BRAKE RULE CERTIFICATE - JH141118

Special Conditions*:

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: 15-Dec-14

Number: 495529

CoF Vehicle Inspector ID	CoF Vehicle Inspector Signature	Date

All fields excluding those marked with * must be completed before this certificate can be accepted.

WABCO START-UP PROTOCOL

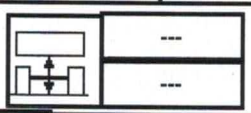
System	Trailer EBS-E	**WABCO part number**	480 102 080 0
Production date	2014-07-18	**Serial number**	437000718400E
Serial number (modulator)	000000032613		
Fingerprint Customer EOL / Customer Development / Flash Program	W503643 / 2014-12-15 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00		

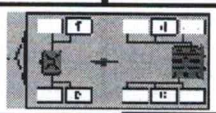
WABCO TRAILER EBS-E

GGVS/ADR TUEH TB 2007 - 019.00
TDB0749

HERSTELLER MANUFACTURER CONSTRUCTEUR	DOMETT				
TYP TYPE TYPE	5AFT BULK TIPPER				
FAHRZEUG IDENTNR. CHASSIS NUMBER NUMERO DE CHASSIS	7A9E35014E1023271				
BREMSBERECHNUNGS-NR. BRAKE CALCULATION NO. CALCUL DE FREINAGE NO.	TP51177A				
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	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	---	I/O	24N		

GIO	Pin1	Pin3	Pin4
1	---	---	---
2	---	---	---
3	ALS2	ALS2	---
4	---	---	---
5	DIAG	DIAG	DIAG
6	---	---	---
7	---	---	---





ACHSE AXLE ESSIEU	pm (bar)		6.5	pm (bar)		0.7	2.0	---	6.5		TYP TYPE	(mm)	(mm)	(bar) 1.0 TR (daN)	Pz
									pz						
1	1500	0.6	2.4	7000	4.4	0.4	1.4	---	6.4	-	18	65	69	486	4293
2	1500	0.6	2.4	7000	4.4	0.4	1.4	---	6.4	-	18	65	69	486	4293
3	1100	0.3	1.4	6000	3.7	0.3	1.4	---	4.0	-	14 / 16	64	69	481	2365
4	1100	0.3	1.4	6000	3.7	0.3	1.4	---	4.0	-	14 / 16	64	69	481	2365
5	1100	0.3	1.4	6000	3.7	0.3	1.4	---	4.0	-	14	64	69	481	2365

Diagnostic memory	OK	**Warning lamp control**	OK
Parameter setting	carried out	**Stop light power supply**	Not tested
EBS pressure test	Not tested	**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 TEBS**	Not tested
Signal inputs	Not tested	**Tag axle test**	Not tested

Diagnostic memory ELEX	Not tested	**Signal outputs ELEX**	Not tested
TailGUARDlight	Not tested	**TailGUARD**	Not tested

Manufacturer	DOMETT	**Vehicle ident. no**	7A9E35014E1023271
Vehicle type	5AFT BULK TIPPER	**Odometer reading**	11.1 km
next Service	0 km	**Trip reading**	11.1 km
Tester	Chris Clarke		
Date	2014-12-15 2:09:48 p.m.	**Signature**	

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

distribution: DOMETT
7A9E35014E1023271
SODC: JH141118

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 08.07.2014

vehicle manufacturer: DOMETT
trailer model : 5AFT BULK TIPPER
trailer type : 5-axle-full-trailer
remarks : air / hydraulic / VA suspension
WABCO TRAILER - EBS
TRISTOP 3+4: T.14/16
265/70 R 19,5

axle 1 + 2 + 3 + 4 + 5 : SAF, SBW 1937, TDB 0749 ECE,

		unladen	laden
total mass	P in kg	6300	32000
axle 1	P1 in kg	1500	7000
axle 2	P2 in kg	1500	7000
axle 3	P3 in kg	1100	6000
axle 4	P4 in kg	1100	6000
axle 5	P5 in kg	1100	6000
wheel base	E in mm	4595 - 4595	
centre of gravity height	h in mm	1100	1874

		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	KDZ	2	2	2	2	2
The power output corresponds to		BZ 122.1	BZ 122.1	BZ 119.6	BZ 119.6	BZ 122.1
brake chamber manufacturer		Meritor	Meritor	Meritor	Meritor	Meritor
chamber size		18.	18.	T.14/24	T.14/24	14.
lever length	lBh in mm	69	69	69	69	69
brake factor	[-]	23.03	23.03	23.03	23.03	23.03
dyn. rolling radius	rdyn min in mm	421	421	421	421	421
dyn. rolling radius	rdyn max in mm	421	421	421	421	421
threshold torque	Co Nm	6.0	6.0	6.0	6.0	6.0

calculation:

chamber pressure(rdyn min)pH at z=22,5%bar		2.3	2.3	1.9	1.9	1.9
chamber pressure(rdyn max)pH at z=22,5%bar		2.3	2.3	1.9	1.9	1.9
chamber press.(servo)pcha at pm6,5bar	bar	6.4	6.4	4.0	4.0	4.0
piston force ThA at pm6,5bar	N	6847	6847	3784	3784	3784
brake force(rdyn min)T lad. at pm6,5bar	N	51778	51778	28531	28531	28531
brake force(rdyn max)T lad. at pm6,5bar	N	51778	51778	28531	28531	28531
brake force within 1 % rolling friction proportion	%	21.2	21.2	19.2	19.2	19.2

braking rate z laden
z = sum (TR)/PRmax

0.603 for rdyn min
0.603 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 1416HTLD64

axle 4:
valve 1: 971 002 ... 0 WABCO
EBS emergency valve

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

brake cylinder: Meritor 1416HTLD64

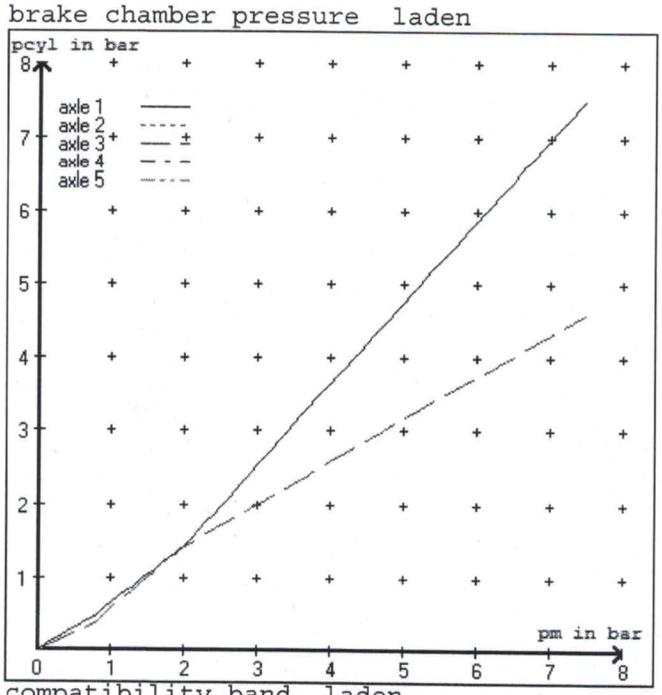
axle 5:
valve 1: 971 002 ... 0 WABCO
EBS emergency valve

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

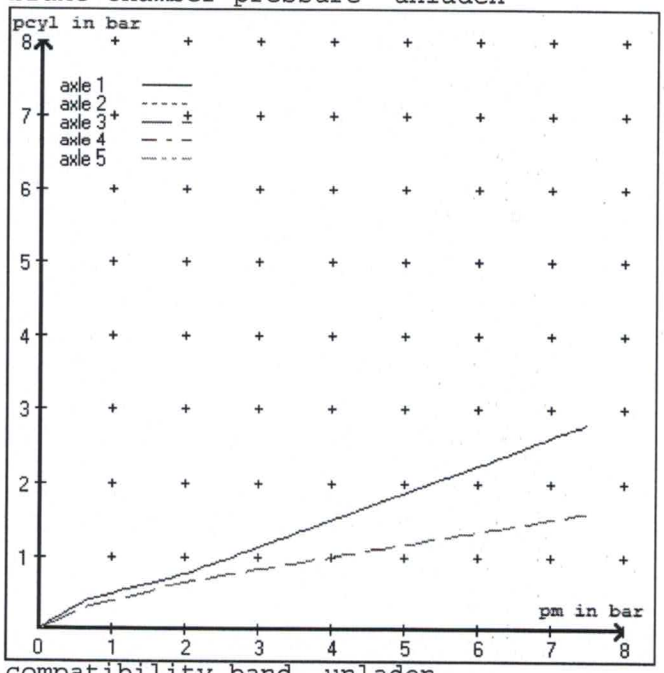
brake cylinder: Meritor 14HSCLD64

test type III (zIII = 0.30)	for rdyn min :	axle1	axle2	axle3	axle4	axle5
at pm 3.5 bar =>	pcha in bar :	3.1	3.1	2.3	2.3	2.3
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	0.7	0.7	0.7

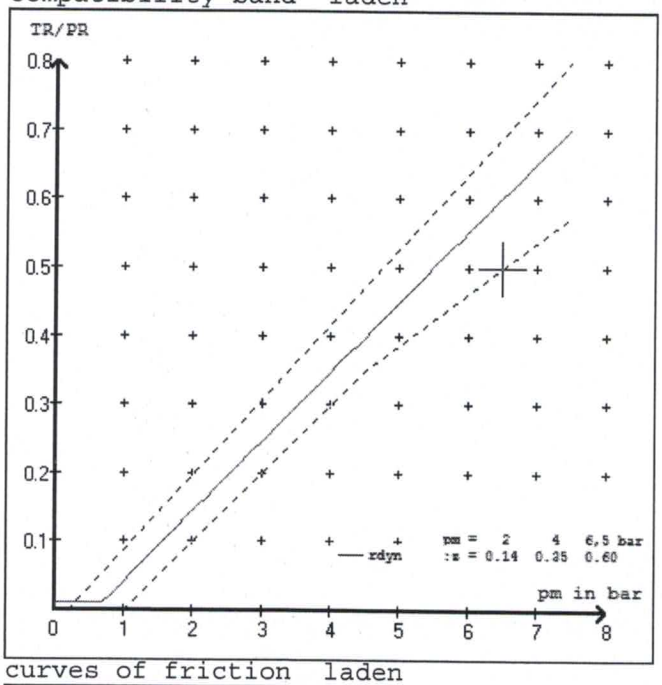
brake chamber pressure laden



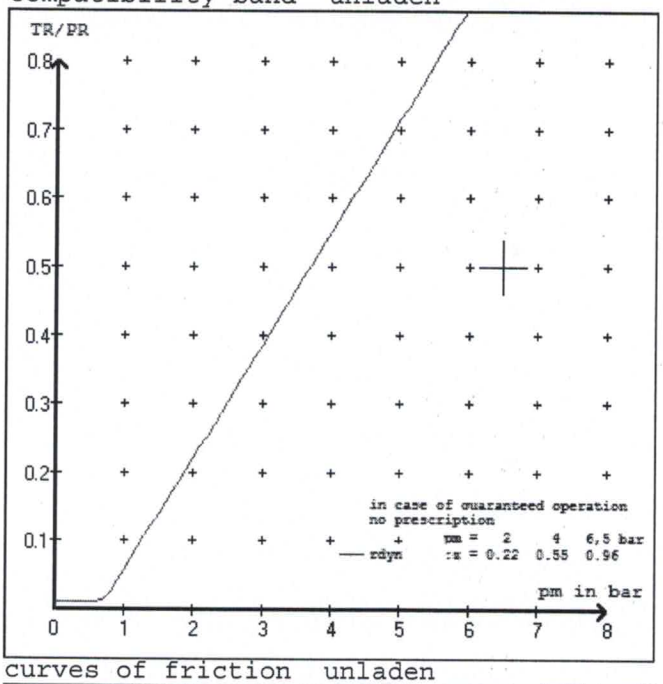
brake chamber pressure unladen



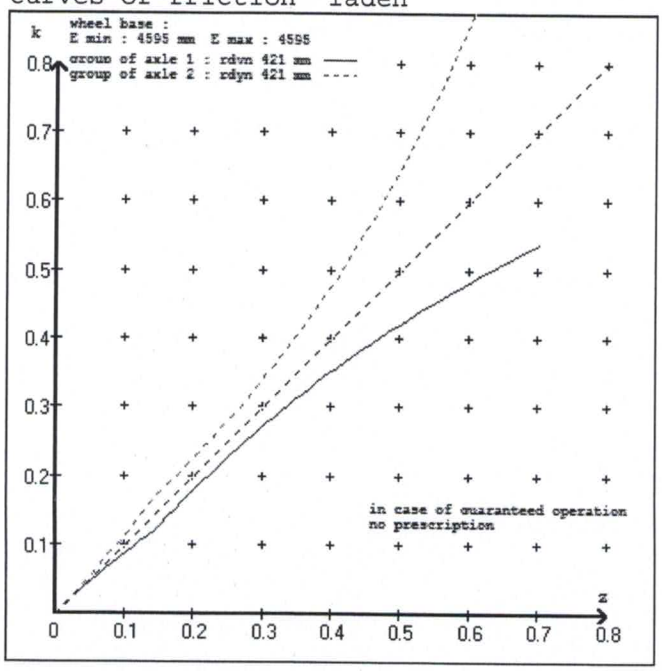
compatibility band laden



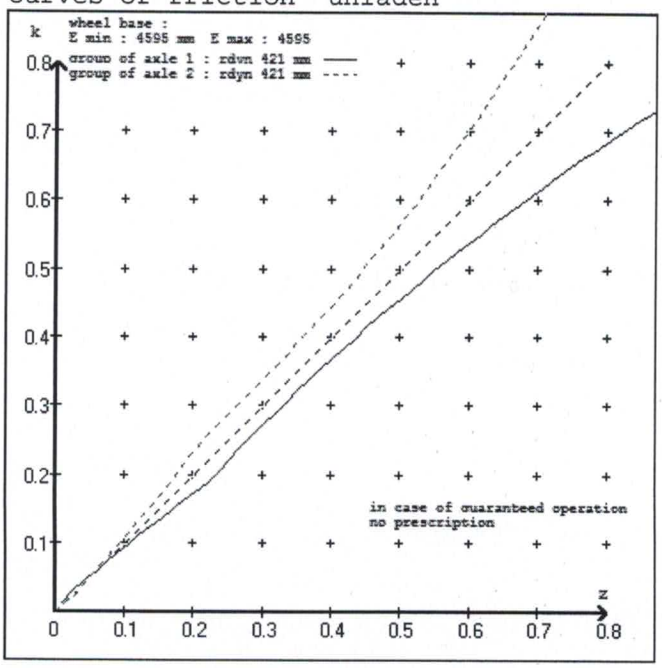
compatibility band unladen



curves of friction laden



curves of friction unladen



vehicle manufacturer: DOMETT
trailer model : 5AFT BULK TIPPER
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.14/16	(Meritor)	lever length 69 mm
axle 4 :	2 x type/diameter	T.14/16	(Meritor)	lever length 69 mm
axle 5 :	2 x type/diameter	14.	(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
trailer model : 5AFT BULK TIPPER
trailer type : 5-axle-full-trailer
brake calculation no. : TP 51177A

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	1500	to be entered by the vehicle manufact.	2.4	7000	to be entered by the vehicle manufact.	0.4	1.4	6.4
2	1500		2.4	7000		0.4	1.4	6.4
3	1100		1.4	6000		0.3	1.4	4.0
4	1100		1.4	6000		0.3	1.4	4.0
5	1100		1.4	6000		0.3	1.4	4.0

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	2.4	1500	2.4	1100	1.4	1100	1.4	1100	1.4
2000	2.8	2000	2.8	1600	1.7	1600	1.7	1600	1.7
2500	3.1	2500	3.1	2100	1.9	2100	1.9	2100	1.9
3000	3.5	3000	3.5	2600	2.2	2600	2.2	2600	2.2
3500	3.9	3500	3.9	3100	2.5	3100	2.5	3100	2.5
4000	4.2	4000	4.2	3600	2.7	3600	2.7	3600	2.7
4500	4.6	4500	4.6	4100	3.0	4100	3.0	4100	3.0
5000	4.9	5000	4.9	4600	3.3	4600	3.3	4600	3.3
7000	6.4	7000	6.4	6000	4.0	6000	4.0	6000	4.0

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

axle 1 :	reference axle: SAF	SBW 1937	brake lining:	Jurid 539
	test report :	TDB 0749 ECE	date :	20130930 30.09.2013
axle 2 :	reference axle: SAF	SBW 1937	brake lining:	Jurid 539
	test report :	TDB 0749 ECE	date :	20130930 30.09.2013
axle 3 :	reference axle: SAF	SBW 1937	brake lining:	Jurid 539
	test report :	TDB 0749 ECE	date :	20130930 30.09.2013
axle 4 :	reference axle: SAF	SBW 1937	brake lining:	Jurid 539
	test report :	TDB 0749 ECE	date :	20130930 30.09.2013
axle 5 :	reference axle: SAF	SBW 1937	brake lining:	Jurid 539
	test report :	TDB 0749 ECE	date :	20130930 30.09.2013

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 = 23.7 % Fe
axle 2	(rdyn 421 mm)	T = 23.7 % Fe
axle 3	(rdyn 421 mm)	T = 15.5 % Fe
axle 4	(rdyn 421 mm)	T = 15.5 % Fe
axle 5	(rdyn 421 mm)	T = 15.5 % Fe

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

axle 1	(sp = 58 mm)	s = 39 mm
axle 2	(sp = 58 mm)	s = 39 mm
axle 3	(sp = 55 mm)	s = 39 mm
axle 4	(sp = 55 mm)	s = 39 mm
axle 5	(sp = 55 mm)	s = 39 mm

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

axle1	ThA = 6847 N
axle2	ThA = 6847 N
axle3	ThA = 3784 N
axle4	ThA = 3784 N
axle5	ThA = 3784 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 = 40423 N
axle 2	(rdyn 421 mm)	T = 40423 N
axle 3	(rdyn 421 mm)	T = 22363 N
axle 4	(rdyn 421 mm)	T = 22363 N
axle 5	(rdyn 421 mm)	T = 22363 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)	0.60	0.47
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 = 40423 N
axle 2	(rdyn 421 mm)	T = 40423 N
axle 3	(rdyn 421 mm)	T = 22363 N
axle 4	(rdyn 421 mm)	T = 22363 N
axle 5	(rdyn 421 mm)	T = 22363 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)	0.60	0.47
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		T.14/16	T.14/16
lever length	lBh in mm	69	69
stat. tyre radius	rstat max in mm	401	401
at a stroke of	s in mm	30	30
min. force of spring brake	TFZ in N	6160	6160
sp.brake chamber no Meritor.....		4	4
release pressure	pLs in bar	4.5	4.5

calculation:

ratio until road		3.9674	3.9674
iFb = lBh*Eta*C*rBt/(rBn*rstat)	for rstat in mm	401	401
brake force of spring br. Tf	in N	48188	48188
Tf = (TFZ*KDZ-2*Co/lBh)*iFb			
braking rate	zf laden	0.317	
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 = 3544 mm for E = 4595 mm
==========
min Ef = 3544 mm for E = 4595 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	=	1874 mm	height of center of gravity - laden
PR	=	18000 kg	maximum bogie mass - laden
P	=	32000 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 6.4	4863 42934	
axle 2	1.0 6.4	4863 42934	
axle 3	1.0 4.0		4819 23657
axle 4	1.0 4.0		4819 23657
axle 5	1.0 4.0		4819 23657

VIN - no.:

	Axle(s) / Achse(n)				
brake cylinder type (service / parking) Bremszylinder Typ (Betrieb / Fest)	18./	18./	T.14/16	T.14/16	14./
Maximum stroke smax = ...mm maximaler Hub smax = ...mm	64	64	64	64	64
Lever length = ...mm Hebellänge = ...mm	69.08	69.08	69.08	69.08	69.08

GOUGH Transpecs

INFORMATION REQUIRED FOR TRAILERS TO COMPLY WITH THE NZ HVBR 32015/3

CUSTOMER
DOMETT TRUCK & TRAILER LTD (JH141118)

ADDRESS
HEWLETTS ROAD, MT MAUNGANUI

YEAR	MAKE
2014	Domett
MODEL	FULL TRAILER/SEMI
E3501	Full
CHASIS NUMBER	VIN
1271	7A9E35014E1023271
GVM	REG
32 000 KGS	

TARE TOTAL		
6300 KGS (EST)		
FRONT	REAR	
3000 KGS	3300 KGS	
SPLIT REQUIRED FOR FULL TRAILERS ONLY		

CONFIGURATION		
5 AXLE TIPPING TRAILER		
AXLE SPACING	FRONT	REAR
	1310 mm	2510 mm
MAXIMUM WEIGHT FOR 1ST TO LAST SPREAD		
		29 000KGS

AXLE MAKE/MODEL
SAF TDB 0749 (DISC BRAKE)

S-CAM RADIUS	EFFICIENCY
DRUM RADIUS	100Nm PRESSURE

OR

PRESS IN/TORQUE OUT 100Nm
40 kPa Front : 30 kPa Rear
PRESS IN/TORQUE OUT WITH 650kPa @ Pm
11.1 kNm Front : 6.5 kNm Rear

CHAMBER SIZE	FRONT TSE18HSCLD64	REAR TSE1416HTLD64 TSE14HSCLD64
SPRINGBRAKE FORCE	FRONT	REAR 6.16 kN
SPRINGBRAKE HOLDOFF PRESSURE	FRONT	REAR 450 kPa

SLACK LENGTH FRONT 69 mm	LINING MATERIAL JURID 539
SLACK LENGTH REAR 69 mm	

SUSPENSION TYPE REACTIVE/NON REACTIVE
FRONT NON REACTIVE (300mm AIR BAG)
REAR NON REACTIVE (300mm AIR BAG)

TYRE SIZE	FRONT 265 70 R 19.5	REAR 265 70 R 19.5
WHEELBASE 4.6 M		
UNLADEN COG 1.1 M		
LOADED COG FROM SRT – FULL TRAILERS ONLY 1.874 M		
OVERALL HEIGHT 3.028 M		

BRAKE VALVES WABCO EBS E VERSION	
PRIMARY RELAY 480 102 0.. 0	CRACK PRESS N/A
SECONDARY RELAY 480 207 202 0	CRACK PRESS N/A
SPRING BRAKE RELAY N/A	ANTI COMPOUND YES/NO YES (VIA PEM)
LOCKED RATIO N/A	LOAD SENSE VALVE N/A
PARK BRAKE 971 002 900 0	
OTHER VALVES	

AIR TANKS TO STANDARD?	EN 286-2/SAE J10
SIZE FRONT	46 LTR
SIZE REAR	46 & 25 LTR
AUXILIARY WITH PROTECTION	YES – VIA P.E.M. (46 Ltr)

TEST POINT FITTED?

FRONT CHAMBER	YES
REAR CHAMBER	YES
TANK	YES : Pressure monitored in ecu
RATIO/LSV NO.1 IN	N/A
RATIO/LSV NO.1 OUT	N/A
RATIO/LSV NO.2 IN	N/A
RATIO/LSV NO.2 OUT	N/A

DUOMATIC CONNECTIONS COLOUR CODED?	YES

- NOTES:-
- TEST POINT AT CONTROL LINE FILTER
- BRAKE CALC : TP51177 MERITOR CHAMBERS ARE TSE
- FRONT TSE CHAMBERS – 18HSCLD65 @ 69 mm
- REAR TSE CHAMBERS – 1416HTLD64 (14HSCLD64) @ 69 mm
- SODC: JH141118
- LT400: C Clarke ……

NOTICE TO VEHICLE OPERATOR

THIS VEHICLE HAS A BRAKE SYSTEM WHICH HAS BEEN DESIGNED AND FITTED IN ACCORDANCE WITH THE NEW ZEALAND HEAVY VEHICLE BRAKE RULE 32015: SCHEDULE 5.
IF THIS VEHICLE IS OPERATED IN CONJUNCTION WITH NON-CODED VEHICLES, THERE MAY BE OPERATIONAL FACTORS WHICH NEED TO BE TAKEN INTO CONSIDERATION.

PLEASE REFER TO THE CERTIFIER FOR FURTHER INFORMATION.

EXCERPT FROM NZ HEAVY VEHICLE BRAKE 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 the rule : and
(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 a person or organisation appointed to carry out specialist inspection and certification of heavy vehicle brakes.

10.5 **Responsibilities of manufactures and retailers**
A person may manufacture, stock, or offer for sale a brake or its components. Intended for fitting to a vehicle to be used on New Zealand roads, only if that brake or component:

(a) complies with this Rule: and
(b) *does not prevent a repair to a vehicle, its structure, systems, components and equipment from complying with this Rule.*

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 Land Transport Safety Authority if dissatisfied with a Compliance issue. (refer LTNZ Deed Of Appointment Para 47.4) NZTA **Helpdesk 0800 699 000**

C J Clarke (CJC HVEK)

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, 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.

NB;

If this vehicle is fitted with mechanical (spring) suspension, the load sense valving has been adjusted to suit exactly the performance of the original springs. In event of replacement being required, original equipment springs **must** be fitted to ensure correct ongoing operation. Fitment of non genuine springs can affect operation and therefore, compliance.

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

C J Clarke (CJC HVEK)