

Heavy vehicle specialist certificate

Must be presented to a CoF (heavy) inspecting organisation if not entered into LANDATA

Heavy vehicle specialist inspector's or manufacturing	or manufacturing inspecting organisation's name (PRINT IN CAPS) CHRIS CLARKE	CJC
Plate number (optional)	VIN/chassis number 7 A 9 C 2 0 0 2 1 M 2 0	23 1 3 1
Make DOMETT	ent being certified:	Ļ.
Model (optional) C2002 BPH	Log bolsters Towing connection	X Brakes
Certification category HVEK	SRT PSV stability Swept path PBS	PSV rollover
Description of work		
CERTIFY TO SCHEDULE 5 OF LTI	5 OF LTR 32015/5: NZ HEAVY VEHICLE BRAKE SPECIFICAT	CATION.
· CARRY OUT BRAKE CALCULATIO	CARRY OUT BRAKE CALCULATIONS, INSPECTION AND ECU END OF LINE PROTOCOL	OCOL.
3ASBTR CURTINSIDE	RSS ON TYRE: 265 70 R19.5	-
FOR SYSTEM ARCHITECTURE, P	PLEASE REFER TO PDS WORKSHEET & SCHEMATIC. NEW TRAILER BUILD	ATIC.
Code/standard/rule certified to LTR 32015/5	Component load rating(s) • 28 Tonnes GVM	
General drawing number(s)	——————————————————————————————————————	UD Fating promountains
N/A		
Supporting documents		
BRAKE RULE CERTIFICATE BRAKE CALCULATION #	JH220343 TP52297	
Special conditions (optional)		
WARNING LAMP MUST ILLUMINATEXTINGUISH IMMEDIATELY OR W	WARNING LAMP MUST ILLUMINATE WHEN IGNITION IS SWITCHED ON & THEN EXTINGUISH IMMEDIATELY OR WHEN VEHICLE SPEED EXCEEDS 7 KM/H n expiry date (if applicable) Or Hubodometer reading (whichever comes first)	
N/A [UNLESS MODIFIED]		
Declaration	Designer's ID (if different from inspector below)	
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.	Inspector's signature Inspector's name (PRINT IN CAPS) Date Num	ID number
	01.04.2022	819431
CoF vehicle inspector ID (if applicable))F vehicle inspector signature (if applicable) Date	

LT400

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				SIAKI-UF LUG	1	Ş		G					
System				Trailer	r EBS	S-H			WABCO) part number	er 480	0 102 080 0	
Production date	date			2022-01-20	-01-2	0			Serial number	umber	89	897040919800E	Ή
Serial number (modulator)	er (mod	lulator)		000000546522	00546	3522							-
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HERSTELLER MANUFACTURER CONSTRUCTEUR	OMETT	DOMETT TRAILERS	RS		<u> </u>	GIO		Pin1		Pin3		Pin4	4
	3ASRTR	ATR CIII	RTAII	CHRTAINSIDE			MAINASSCORTAN						
VEHICLE IDENT. NUMBER	7000	20024	2002	424	l	2							
NUMERO DE CHASSIS	/AJC	/ Maczooz Haizoza Ia	2020	101	I	٥						111	
BRAKE CALCULATION NO.	TP52	TP52297S			T	1				2 1			
POLE WHEEL TEETH c-d e-f	90	ABS	ABS-System ABS-System Système ABS	2S/2M	<u> </u>	6		1 2				1 5	
Einfachbereitung Single Tire RSS Monte simple		Lenkachse Steering axle Essieu vireur			П	7			Ц				
	×	Kippkritisches Fahrzeug Critical Trailer Véhicule critique	hrzeug			61		П					
Subsystems SB		1/0		24N				T,		1			
				000				8]	H	§® ►	(bar))
pm (bar)	6.5	pm ((bar)	0.8	2.0		6.5		Ę	Ī	(T)	1.0	Pz
ACHSE AXLE ESSIEU	3	1	\mathfrak{D}		0		pz		TYPE	(mm)	(mm)	TR (daN))
1 1350 0.5	.5 1.9	6350	4.0	0.3	1.3	1	5.2		14/16	64	69	435	2805
2 1350 0.	0.5 1.9	6350	4.0	0.3	1.3	ı	5.2	-	14/16	64	69	435	2805
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							TEBS-E	щ					
Diagnostic memory	VIO	OK OK					Warn	ing lan	Warning lamp control	_	S X		

Not tested	Tag axle test	Not tested	Signal inputs
Not tested	Signal outputs	Not tested	Immobilizer test
Not tested	Leak test ⁶	Not tested	RTR test
Not tested	Height sensor axle load	OK	ABS sensor assignment
Not tested	ECAS height sensor calibration	OK	Redundancy test
Not tested	Lifting axle test	ОК .	EBS pressure test
OK	Stop light supply	carried out	Parameter setting
OK	Warning lamp control	ОК	Diagnostic memory

Electronic Extension Module

ture	Signature	2022-04-01 2:32:34 pm	Date
		Chris Clarke	Tester
0.0 km	Trip reading (0 km	Next service
0.0 km	Odometer reading (3ASBTR CURTAINSIDE	Vehicle type
7A9C20021M2023131	Vehicle ident. no.	DOMETT TRAILERS	Manufacturer
Not tested	TailGUARD	Not tested	TailGUARDlight
Not tested	Signal outputs	Not tested	Diagnostic memory

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

please note!

distribution: DOMETT TRAILERS
7A9C20021M2023131
SoDC: JH220343
LT400: CJC 819431

This brake calculation is made under consideration of the legal precriptions mentioned above in the version valid at the time of making the program (V6.18.07.12). The functional characteristics of our products as well as the data of the brake out of the test approvals of the axie 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 TRAILERS

trailer model 3ASBTR CURTAINSIDE

trailer type 3-axle-semi-trailer

remarks air hydraulic TRAILER -VA suspension

WABCO TRAILER - EBS E
TRISTOP 1+2: T.14/24 [TSE1416HTLD64
SEE PAGE 6 FOR PERFORMANCE DATA]
265/70 R 19,5 ACTUALLY FITTED

axle \vdash N W .. SAF SBW 1937, TDB 0749 ECE,

K-factor K-factor	centre of gravity height	total axle mass	axle 3	axle 2	axle 1	king-pin	total mass	
		PR in kg		uT.	'n		in	
Kv min 1.9744 Kv max 1.9943	6200 - 6300 900		1350	1350	1350	950 - 1950	5000 - 6000	unladen
Kc min 0.9733 Kc max 0.9938	2110	19050	6350	6350		8950 - 10950	I	laden

		5 77	axle 1	axle 2	axle 3
* **					
no. of combined axles			\vdash	Ы	Н
no. of brake chambers per axle line	line	KDZ	2	N	2
The power output corresponds to			BZ 119.6	BZ 119.6 BZ 122.1	BZ 122.1
brake chamber manufacturer			Meritor	Meritor	Meritor
chamber size			T.14/24	T.14/24	14.
lever length	lBh	lBh in mm	69	69	69
		_	23.03	23.03	23.03
dyn. rolling radius rdyn	min	min in mm	421	421	421
Sul	max in	in mm	421	421	421
threshold torque	Co	Nm	6.0	6.0	6.0

proportion	brake force(rdyn max)T lad. at pm6,5bar N Brake force incl. 1 % rolling resistance	brake force (rdyn min) T lad. at pm6,5bar	piston force ThA at pm6,5bar	chamber press. (servo)pcha at pm6,5bar	chamber pressure(rdyn max)pH at z=22,5%bar	pressure(rdyn	calculation:
0/0	œ z	N	Z	bar	%bar	5%bar	
33.3	37653	37653	4986	5.2	2.1	2.1	
33	37653	37653	4986	5.2	2.1	2.1	
33.3	37653	37653	4986	5.2	2.1	2.1	

brakingz = sumrate z (TR)/PRmax Laden 0.604 for rdyn rdyn min max

Trailer may only ISO 7638 supply y be operated in (5 or 7 polar). combination with trucks/tractors with

maximum pressure: 00 5 bar

axle 1:

valve ⊢. 971 EBS

WABCO

002 ... 0 emergency valve

480 EBS 102 ... 0 trailer modulator

valve

2

WABCO

brake cylinder: Meritor 1424HTLD64

axle 2:

valve 1: 971 EBS

WABCO

emergency valve

WABCO

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

brake cylinder: Meritor 1424HTLD64

axle 3:

valve 1: 971 EBS 002 ... 0 emergency valve

WABCO

valve 2: 480 EBS 102 ... 0 () trailer modulator

WABCO

or 480 207 0.. 0 \ 2.

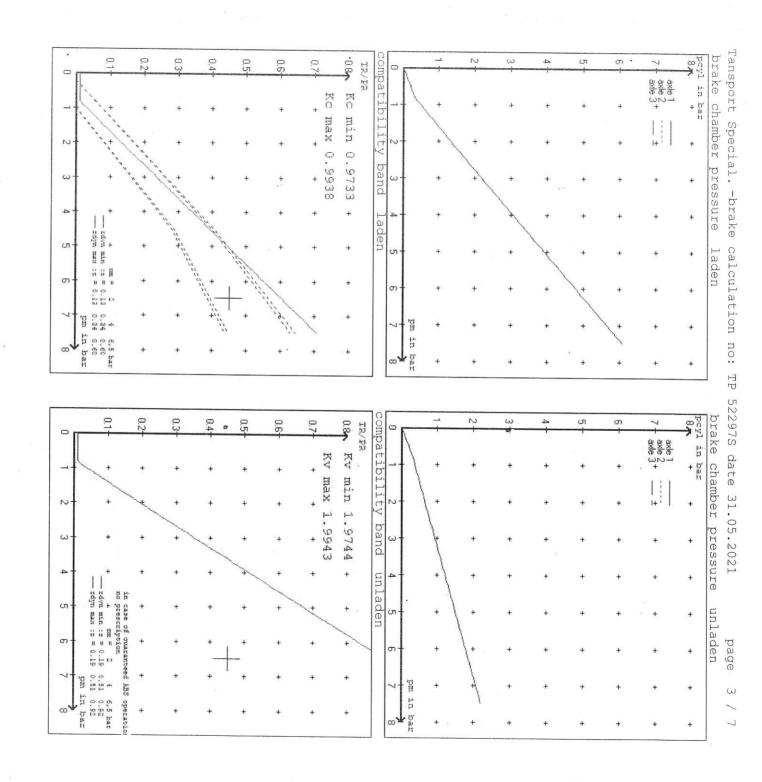
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brake cylinder: Meritor 14HSCLD64

test t at pm test t at pm type III
m 3.6 bar
type III
n 1.3 bar 0.30)

0.06) for rdyn pcha in for rdyn pcha in min bar min bar

0.7



vehicle manufacturer: DOMETT TRAILERS

trailer trailer model type 3ASBTR CURTAINSIDE 3-axle-semi-trailer

brake chamber and lever length

axle axle NNN \times \times \times type/diameter type/diameter type/diameter T.14/24 T.14/24 14. (Meritor)
(Meritor)
(Meritor) lever lever lever

r length length 69 mm 60 mm

emergency valve trailer modulator trailer modulator valve OL 480 207 0 0 N 0

EBS input data

manufacturer: DOMETT TRAILERS

vehicle trailer trailer model 3ASBTR CURTAINSLUE 3-axle-semi-trailer

er type : calculation no. ΤP 52297S

main axle auxiliary rdyn rdyn

axle

2650 2650

for

max max

t : re

circumference circumference

(laden condition) deceleration N pm bar

6.0 bar bar NNN 0.010 0.134 0.600

UI	4	w	2	Ы	axle	
0	0	1350	1350	1350	axle load unladen	contro
	manufact.	the vehicle	entered by	to be	bellow pr. unladen	control pressure pm
0,0	0,0	1.9	1.9	1.9	brake pr. unladen	6,5
0	0	6350	6350	6350	axle load laden	contro
	manufact.	the vehicle	entered by	to be	bellow pr. laden	control pressure pm 0.8 2.0 6.5
0,0	0,0	0.3	0.3	0.3	nd	0.8
0,0 0,0 0,0	0,0 0,0 0,0	0.3 1.3 5.2	0.3 1.3 5.2	0.3 1.3 5.2	brake pr. laden	2.0
0,0	0,0	5.2	5.2	5.2	ř.	6.5

The unladen values indicated in basic parameter set. Higher unla automatically recognized and do The above unladen axle loads must loads must no unladen the not require separate adjustment. ot be fallen below. axle loads and liftaxles are above table are values for the

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spring parking brake

		axle 1	axle 2
no of TRISTOP-actuators per a	per axle line KDZ	2	2
OP-actuator type		T.14/16	T.14/16
lever length	1Bh in mm	69	69
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		
		4.8	4.8
		٠	
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Lculation:

braking rate $zf = sum (Tf)/P + 0,01$	brake force of spring br. Tf in N Tf = (TFZ*KDZ-2*Co/1Bh)*iFb	for rstat	<pre>ratio until road iFb = lBh*Eta*C*rBt/(rBn*rstat)</pre>
0.526	48188	401	3.9674
	48188	401	3.9674

Test the frictional connection required bу the parking brake

supporting width 3

minimum v to fulfil wheelbase/minimum the regulations min Ef necessary

min 田 I * (1 PR/P + zferf h/E) zferf (fzul nf/ng))

min 田 I H 11 Ш 4044 8989 mm mm for for I I 11 6300 6200 mm mm

h PR PR nf min E and tl E. fzul zferf Ef the 11 11 11 11 11 0.80 0.18 0.18 2110 mm 19050 kg 30000 k' rea no. maximum bogie mass maximum total mass no. of axle(s) with maximum permissible frictional connection required maximum required braking ratio of the parking brake height of center of gravity - laden minimum distance between (resultant of the bogie) wheel base 0 0 bogie axle(s) TRISTOP laden laden front spring axle(s)brake (trailer) actuators 9 support (semitraile

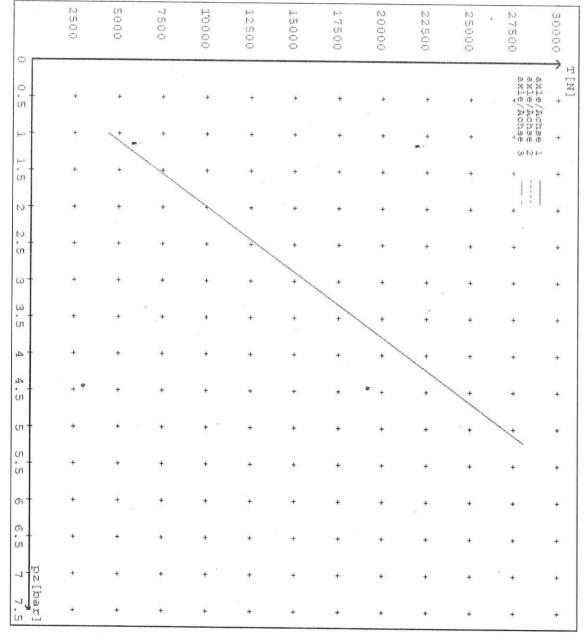
reference values

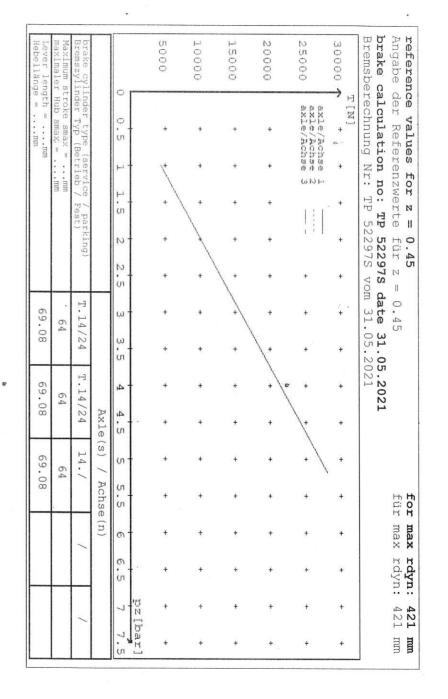
reference values for N 470% for max rdyn: 421 mm

4356 28052		1.0 5.2	axle 3
4356 28052		1.0 5.2	axle 2
4356 28052		1.0 5.2	axle 1
T [N]	T [N]	pz [bar]	

VIN - no.:

200		Axle	Axle(s) / Achse(n)	e(n)	
brake cylinder type (service / parking) Bremszylinder Typ (Betrieb / Fest)	T.14/24	T.14/24	14./	,	_
Maximum stroke smax =mm maximaler Hub smax =mm	64	# 64	64		÷
Lever length =mm Hebellänge =mm	69.08	69.08	69.08		
		Control of the Contro	The second secon		The state of the s







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

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

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

10.2 RESPONSIBILITIES OF REPAIRERS

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

- 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

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

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

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

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







NOTICE TO VEHICLE OPERATOR

This trailer is equipped with an Electronic Brake System.

truck/tractor equipped with a 5 or 7 pin ABS/EBS power Rule 32015/5, it must be used only in conjunction with a To comply with the New Zealand Heavy Vehicle Brake supply socket.

Failure to connect to such supply invalidates Brake Rule compliance.

The trailer ABS/EBS warning light on the towing vehicle If the light does not illuminate when ignition is switched dashboard must illuminate when the ignition is switched compliance is compromised. Repairs must be made as illuminated when the vehicle is in motion, Brake Rule on, the system must be checked. If the light remains on and extinguish when the vehicle is in motion. 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

the event of a leak in the service brake system the Spring will actuate and apply all service brakes on the trailer. In Brakes will automatically override and hold the vehicle Application of the park brake via the cab control valve in compliance to Land Transport Rule: Heavy-vehicle Brakes Rule 32015/5.

brake system is tested by pulling the red actuation knob The cab control in the prime mover does not have to be on the PREV, situated mid way down the chassis rail. When the vehicle is presented for COF the trailer park 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)



C= Transpecs

NEW ZEALAND HEAVY VEHICLE BRAKE RULE 32015-5 WORKSHEET, PROCEDURE DOCUMENTATION SHEET

& CONFIRMATION OF COMPLIANCE

	DOMETT TRAILERS	
TAURIK	URA DRIVE, TAURANG	3110
	MAINFREIGHT	
3ASBTR CURTINSIDE	CERT #:	JH220343
2022	CALCULATION #:	TP52297
DOMETT	REGO #:	N/A
C2002 BPH	LT400#:	819431
2131	ORDER #:	8595
7A9C20021M2023	131	
28	PRIME MOVER:	EBS / EUROPEAN
MIXED FREIGHT		
FRONT	REAR	
9	19	
6.24		
UNLADEN COG m	MAX HEIGHT m	HEIGHT DECK m
0.9	4.3	1.2
2.109		
1.2	4.08	5.28
	REAR	
ā	2645	
	ω	
	3ASBTR CURTII 2022 DOMETT C2002 BPH C2002 1 N A 9 C 2 0 0 2 1 N A 9 C 2 0 0 2 1 N FRONT FRONT 6.24 UNLADEN COO 0.9 2.109 FRONT 1.2	TAURIKU TAURIKU ASBTR CURTINSIDE 2022 * DOMETT C2002 BPH 2131 A 9 C 2 0 0 2 1 M 2 0 2 3 1 A 9 C

BRAKE & AXLE DETAILS	MAKE	MODEL	TEST REPORT
AXLE:	SAF	SAF-ZI9W	TDB0749
STEER AXLE[S]:	NO	POLE WHEEL:	90
LINING MATERIAL:	JURID 539	BRAKE FACTOR:	23.03
SENSED AXLES:	#2		NOTES:
SERIAL NUMBERS:			NG-I035-ZI9
2			NG-1035-Z19
3			NG-I035-ZI9
4		N/A	N/A
CHAMBER AND VALVING DETAILS			
CHAMBERS:	AXLE 1 & 2	AXLE 3	
BRAND:	TSE_CHAMBERS	TSE_CHAMBERS	
SIZE:	1416HTLD	14HSCLD	<u>.</u>
STROKE: mm	64	64	
TEST REPORT #:	BC0143.0	BZ 122.1 Sep '00	
SPRINGBRAKE FORCE: kN	6.16	N/A	
HOLDOFF PRESSURE: Bar	4.8	N/A	
FOUNDATION BRAKE:	WABCO PAN19	WABCO PAN19	
LEVER LENGTH: mm	69	69	
BRAKE VALVES: ECU PART #:	. MAKE: WABCO	PART NUMBER: 480 102 08. 0 (MV)	PM PRESS. kPa 80 kPa
3RD MODULATOR #:	N/A	N/A	N/A
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	N/A	
ECU DIRECTION:	✓ FRONT	REAR	
SUBSYSTEMS:	✓ SMARTBOARD	OPTI-LINK	☐ CAN R/R 446 122 050/051 0

☐ TAILGUARD

Page 2

SUSPENSION

SUSPENSION TYPE:

MAKE:

MODEL:

BELLOW SIZE:

HEIGHT CONTROL VALVE:

OTHER VALVES:

RIDE HEIGHT mm:

HANGER HEIGHT mm:

PEDESTAL HEIGHT mm:

LIFTAXLE:

DUMP SWITCH:

LIFTAXLE VALVE:

REAR

PNEUMATIC

SAF_AIRSPRING

SAF_INTRA 2619, 300mm

N/A

N/A 350

200

ഗ

N/A

N/A

N/A

AIR TANKS

AIR TANKS STANDARD:

SAE J10A / EN286-2

REAR

46 + 25

×

46

PRESSURE PROTECTION:

AUXILLARY TANK SIZE: L

BRAKE TANK SIZE: L

AIR LINES

TEST POINTS:

CONTROL LINE:

FIXED AXLE CHAMBERS:

STEER AXLE CHAMBERS:

DUOMATIC COLOUR CODED:

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N/A

YES X 1

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LOWER LEVEL: NORMAL LEVEL: UPPER LEVEL: TIMER TICKS [F/R] * N/A N/A N/A MILLIMETRE mm [F / R] N/A N/A N/A

CHECKS AT COMMISSION OF VEHICLE

CHAMBER BUNGS REMOVED:	L	VALVE MOUNTING:	<
ECU BLANKING PLUGS CHECKED:		DUOMATIC DRILLED:	<
RESPONSE TIME:	MODULATOR 2.1	MODULATOR 2.2	RELAY VALVE
ms:	220	230	N/A
NOTES AND SPECIAL CONDITIONS	y ,		
FILES RECEIVED: 31.08.2021			
FILES CREATED & SENT TO CJC: 31.03.2022	22		
FINAL INSPECTION & SIGN OFF SCHEDULED FOR: 01.03.2022	LED FOR: 01.03.2022		
FILES RETURNED AS COMPLETE://2022	22		
REASON FOR CERTIFICATION: NEW	NEW TRAILER BUILD		

STANDARDS COMPLIANCE 2002 AND MY DEED OF APPOINTMENT. TO THE BEST OF MY KNOWLEDGE THE APPOINTMENT. I CERTIFY THAT AT THE TIME OF INSPECTION THE ABOVE MENTIONED VEHICLE COMPONENT I UNDERSTAND AND DECLARE THAT I AM THE CERTIFIER IDENTIFIED BELOW AND HOLD A CURRENT VALID INFORMATION CONTAINED IN THIS CERTIFICATE IS TRUE AND CORRECT. DESIGN AND THIS CERTIFICATION COMPLIES IN ALL RESPECTS WITH THE LAND TRANSPORT RULE VEHICLE

NEW ZEALAND HEAVY VECHLE BRAKE RULE 32015/5, SCHEDULE 5.

PHONE (BUS):	SODC BY:	CERTIFIER NAME & ID:	SIGNED:	DATE:
09-980-7300	JOHN HIRST	CHRIS CLARKE		1/04/2022
	JEH	CIC		

POSTAL ADDRESS:

New Zealand

P.O. Box 98-971, Manukau 2241