

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

| Hęavy vehiclę speciali | ist inspector's or manufactu | ring inspecting organisa CH | ation's name (PRINT IRIS CLARKE | IN CAPS) | CJC |
|---|---|---|------------------------------------|-----------------------------------|----------------|
| Plate number (optional) | | VIN/chassis numl | | 33P20 | 2 3 2 5 6 |
| Make | DOMETT | Component being | | Chassis | Load anchorage |
| Model (optional) | C2003 PH | Log bolsters | | Towing connection | X Brakes |
| Certification category | HVEK | SRT | | PSV stability PBS | PSV rollover |
| Description of work | | | • | • | |
| * CERTIFY | TO SCHEDULE 5 OF | LTR 32015: NZ HE | AVY VEHICLE | BRAKE SPECIFIC | CATION. |
| CARRY | OUT BRAKE CALCULA | TIONS, INSPECTION | ON AND ECU I | END OF LINE PRO | TOCOL. |
| · 3ASBTF | CURTAINSIDE | A | RSS ON TYR | E: 265 70 R19.5 | |
| FOR SYS | STEM ARCHITECTURE | , PLEASE REFER | TO PDS WOR | KSHEET & SCHE | MATIC. |
| REASON | FOR CERTIFICATION: | NEW TRAILER | BUILD | | • |
| Code/standard/rule ce | | • | Component lo | oad rating(s) 33 Tonnes GVM | |
| General drawing numb | ver(s) | | | 19 Tonnes (Rear g | roup rating) |
| | RULE CERTIFICATE CALCULATION # | JH230713 TP52694 | | | |
| | onal) IG LAMP MUST ILLUMI JISH IMMEDIATELY OF | | | | |
| Certification expiry dat N/A [UNL | te (if applicable) | or | Hubodometer | reading (whichever comes fi | irst) |
| Declaration | ers that I are the beauty selic | elo engajaliet | Designer's ID (| if different from inspector belov | · . |
| inspector identified and certify that the above n manufacture and instal in all respects with the Compliance 2002 and | are that I am the heavy vehicd I hold a current valid appoinentioned vehicle componer lation, and this certification. Land Transport Rule: Vehicle my appointment. To the bestion contained in the certific | ntment. I nt's design, complies e Standards t of my | Inspector's sign | ne (PRINT IN CAPS) S CLORKI Numb | |
| CoF vehicle inspecto | or ID (if applicable) | CoF vehicle inspecto | r signature (if appli | Ccable) Date | |

All fields are mandatory unless otherwise stated.

Version No. 12/20 New Zealand Government LT400 Form ID

Tansport Special. -brake calculation no: TP 52694S date 11.07.2023

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

distribution: DOMETT TRAILERS

7A9C20033P2023256 SoDC: JH230713 LT400: CJC 880231

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 (V6.18.07.12).

-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 13.10.2020

vehicle manufacturer: DOMETT TRAILERS

trailer model

: 3ASBTF CURTAINSIDE : 3-axle-semi-trailer

trailer type remarks

: air / hydraulic / VA suspension $kc < 0,95 \Rightarrow new kc = 0,95$

WABCO TRAILER - EBS E

TRISTOP 1+2: T.14/24 [TSE1416HTLD ACTUALLY FITTED -

SEE PAGE 6 FOR PERFORMANCE DATA]

265/70 R 19,5

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

| | | unladen | laden |
|--------------------------|----------|------------------|--------------|
| total mass | P in kg | 5000 - 6000 33 | 000 - 34000 |
| king-pin | PS kg | 1400 - 2400 13 | 950 - 14950 |
| axle 1 | P1 in kg | 1200 | 6350 |
| axle 2 | P2 in kg | 1200 | 6350 |
| axle 3 | P3 in kg | 1200 | 6350 |
| total axle mass | PR in kg | 3600 | 19050 |
| wheel base | E in mm | 6850 - 6950 | |
| centre of gravity height | h in mm | 820 | 2240 |
| K-factor | | Kv min 2.0711 Ke | c min 0.9500 |
| K-factor | | Kv max 2.0954 Ke | c max 0.9630 |

| | <u>axle 1</u> | <u>axle 2</u> | axle 3 |
|--|---|--------------------|----------------|
| no. of combined axles no. of brake chambers per axle line KDZ | 1 2 | 1 2 | 1 2 |
| The power output corresponds to | (1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1- | BZ 119.6 | |
| brake chamber manufacturer chamber size | Meritor T.14/24 | Meritor T.14/24 | Meritor 14. |
| lever length 1Bh in mm | 69 | 69 | 69 |
| brake factor [-] dyn. rolling radius rdyn min in mm | 23.03 | 23.03 | 23.03 421 |
| dyn. rolling radius rdyn max in mm | 421 | | |
| threshold torque Co Nm | 6.0 | 6.0 | 6.0 |
| | | | |
| calculation: | | | |
| chamber pressure(rdyn min)pH at z=22,5%bar | 2.1 | 2.1 | 2.1 |
| chamber pressure(rdyn max)pH at z=22,5%bar chamber press.(servo)pcha at pm6,5bar bar | 2.1 5.2 | 2.1 5.2 | 2.1 5.2 |
| piston force ThA at pm6,5bar N | 4986 | 4986 | 4986 |
| brake force(rdyn min)T lad. at pm6,5bar N | 37653 | 37653 | 37653 |
| brake force(rdyn max)T lad. at pm6,5bar N Brake force incl. 1 % rolling resistance | 37653 | 37653 | 37653 |
| proportion % | 33.3 | 33.3 | 33.3 |
| | | | |

0.604 for rdyn min braking rate z laden for rdyn max z = sum (TR)/PRmax0.604

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

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Tansport Special. -brake calculation no: TP 52694S date 11.07.2023

brake diagram :

841 701 101 0

maximum pressure: 8.5 bar

axle 1:

valve 1: 971 002 ... 0 WABCO

EBS emergency valve

valve 2: 480 102 ... 0 WABCO

EBS trailer modulator

brake cylinder: Meritor 1424HTLD64

axle 2:

valve 1: 971 002 ... 0 WABCO

EBS emergency valve

valve 2: 480 102 ... 0 WABCO

EBS trailer modulator

brake cylinder: Meritor 1424HTLD64

axle 3:

valve 1: 971 002 ... 0 WABCO

EBS emergency valve

valve 2: 480 102 ... 0 () WABCO or 480 207 0.. 0 / 2.. 0

EBS trailer modulator

brake cylinder: Meritor 14HSCLD64

test type III (zIII = 0.30) for rdyn min : axle1 axle2 axle3 at pm 3.5 bar \Rightarrow pcha in bar : 2.7 2.7 2.7

test type III (zIII = 0.06) for rdyn min : axle1 axle2 axle3 at pm 1.2 bar => pcha in bar : 0.7 0.7 0.7

0,2

0.1

D

2

3

4 6,5 bar 0.25 0.60 0.35 0.60

pm in bar

+ pm = 2 -rdyn min :s = 0.14 -rdyn man :s = 0.14

Б

5

no prescription 2 t 6,5 bar rdym min :s = 0.21 0.52 0.90 rdym man :e = 0.21 0.52 0.90 pm in bar

Ġ

5

0.2

0.1

Tansport Special. -brake calculation no: TP 52694S date 11.07.2023 page 4 / 7

vehicle manufacturer: DOMETT TRAILERS
trailer model : 3ASBTF CURTAINSIDE
trailer type : 3-axle-semi-trailer

brake chamber and lever length :

axle 1 : 2 x type/diameter T.14/24 (Meritor) lever length 69 mm
axle 2 : 2 x type/diameter T.14/24 (Meritor) lever length 69 mm
axle 3 : 2 x type/diameter 14. (Meritor) lever length 69 mm

brake diagram :

841 701 101 0

valve :

971 002 ... 0 WABCO EBS emergency valve
480 102 ... 0 WABCO EBS trailer modulator
480 102 ... 0 WABCO EBS trailer modulator or 480 207 0.. 0 / 2.. 0

EBS input data

vehicle manufacturer: DOMETT TRAILERS
trailer model : 3ASBTF CURTAINSIDE
trailer type : 3-axle-semi-trailer

brake calculation no.

: TP 52694S

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

| ,: | contro | l pressure pm | 6,5 | contro | l pressure pm | 0.7 | 2.0 | 6.5 |
|------|----------------------|-----------------------|----------------------|--------------------|---------------------|-----|----------------|-----|
| axle | axle load unladen | bellow pr. unladen | brake pr. unladen | axle load laden | bellow pr. laden | | ake p laden | |
| 1 | 1200 | to be | 1.7 | 6350 | to be | 0.3 | 1.4 | 5.2 |
| 2 | 1200 | entered by | 1.7 | 6350 | entered by | 0.3 | 1.4 | 5.2 |
| 3 | 1200 | the vehicle | 1.7 | 6350 | the vehicle | 0.3 | 1.4 | 5.2 |
| 4 | 0 | manufact. | 0,0 | 0 | manufact. | 0,0 | 0,0 | 0,0 |
| 5 | 0 | | 0,0 | 0 | #3 | 0,0 | 0,0 | 0,0 |
| | | | | | | | | |

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 | load | pcyl | axle | load | pcyl | axle | load | pcyl |
| 1200 | | 1.7 | 1200 | | 1.7 | 1200 | | 1.7 |
| 1700 | | 2.0 | 1700 | | 2.0 | 1700 | | 2.0 |
| 2200 | | 2.4 | 2200 | | 2.4 | 2200 | | 2.4 |
| 2700 | | 2.7 | 2700 | | 2.7 | 2700 | | 2.7 |
| 3200 | | 3.1 | 3200 | | 3.1 | 3200 | | 3.1 |
| 3700 | | 3.4 | 3700 | | 3.4 | 3700 | | 3.4 |
| 4200 | | 3.7 | 4200 | | 3.7 | 4200 | | 3.7 |
| 4700 | | 4.1 | 4700 | | 4.1 | 4700 | | 4.1 |
| 6350 | | 5.2 | 6350 | | 5.2 | 6350 | | 5.2 |

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

```
SBW 1937
                                                              brake lining: Jurid 539
axle 1 : reference axle: SAF
                                 TDB 0749 ECE
                                                              date : 20130930 30.09.2013
        test report :
axle 2 : reference axle: SAF
                                 SBW 1937
                                                              brake lining: Jurid 539
        test report :
                                 TDB 0749 ECE
                                                              date : 20130930 30.09.2013
                                                              brake lining: Jurid 539
axle 3 : reference axle: SAF
                                SBW 1937
                                TDB 0749 ECE
                                                              date : 20130930 30.09.2013
        test report :
calc. verif. of residual (hot) braking force type III
(item 4.2.1 of appendix 2 to annex 11)
                                               T = 18.7 \% Fe
axle 1
                 (rdyn 421 mm)
axle 2
                                               T = 18.7 \% Fe
                 (rdyn 421 mm)
axle 3
                 (rdyn 421 mm)
                                               T = 18.7 \% Fe
calculated actuator stroke in mm
(item 4.3.1.1 of appendix 2 to annex 11)
                 (sp = 56 mm)
axle 1
                                             s = 39 \text{ mm}
                 (sp = 56 mm)
                                            s = 39 \text{ mm}
axle 2
                                            s = 39 \text{ mm}
axle 3
                 (sp = 56 mm)
average thrust output in N at pm = 6.5 bar (however max. pcha = 7.0 bar)
                                           ThA = 4986 N
axle1
                                           ThA = 4986 N
axle2
axle3
                                           ThA = 4986 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 = 29448 N
                                            T = 29448 N
                 (rdyn 421 mm)
axle 2
axle 3
                                            T = 29448 N
                 (rdyn 421 mm)
                                        basic test type III
                                        of subject
                                                      (calculated)
                                        trailer (E)
                                                      residual
braking rate of the vehicle
                                                     (hot)braking
(item 4.3.2 to appendix 2 to annex 11)
                                            0.60
                                                        0.47
required braking rate
                                                     >= 0,4 and
(items 1.5.3 and 1.7.2 to annex 11)
                                                     >= 0,6*E (0.36)
axle 1
                (rdyn 421 mm)
                                           T = 29448 N
axle 2
                 (rdyn 421 mm)
                                           T = 29448 N
                                           T = 29448 N
axle 3
                 (rdyn 421 mm)
                                        basic test
                                                     type III
                                                     (calculated)
                                        of subject
                                        trailer (E)
                                                     residual
braking rate of the vehicle
                                                      (hot)braking
(item 4.3.2 to appendix 2 to annex 11) 0.60
                                                       0.47
required braking rate
                                                     >= 0,4 and
(items 1.5.3 and 1.7.2 to annex 11)
                                                     >= 0,6*E (0.36)
```

spring parking brake

zf = sum (Tf)/P + 0,01

| no of TRISTOP-actuators per axle line KDZ TRISTOP-actuator type lever length lBh in mm stat. tyre radius rstat max in mm | 2 | |
|--|------------------------|--------|
| at a stroke of s in mm min. force of spring brake TFZ in N sp.brake chamber no Meritor release pressure pLs in bar | 30 7605 4 4.8 | |
| calculation: | | |
| <pre>ratio until road iFb = lBh*Eta*C*rBt/(rBn*rstat)</pre> | | 3.9674 |
| for rstat in mm brake force of spring br. Tf in N Tf = (TFZ*KDZ-2*Co/1Bh)*iFb | 401 59654 | |
| braking rate zf laden | 0.368 | |

Test of the frictional connection required by the parking brake

Min. wheelbase/min. supporting width (theoretical proof / no ECE regulation!): In the event of non-compliance, carry out a practical test or use the procedure described in ECE / Appendix 20.

```
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
           0.18 maximum required braking ratio of the parking brake 2240 mm height of center of gravity - laden
zferf
       =
h
       = 19050 kg maximum bogie mass - laden
PR
       = 34000 kg maximum total mass - laden
P
              2 no. of axle(s) with TRISTOP spring brake actuators
       =
nf
               3
                     no. of bogie axle(s)
ng
```

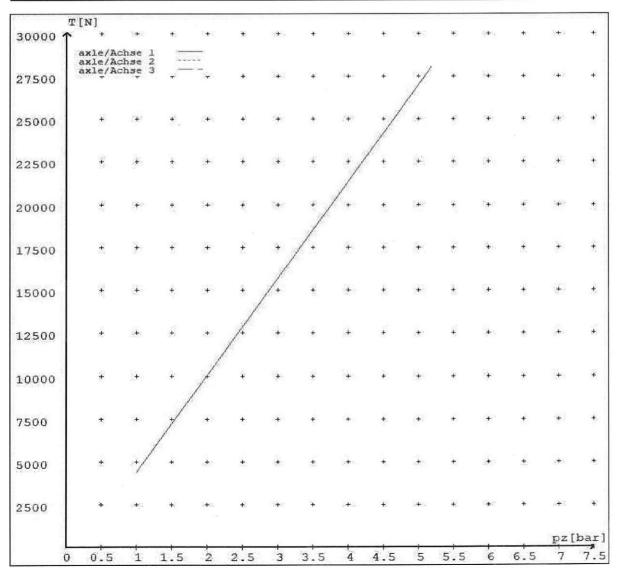
reference values

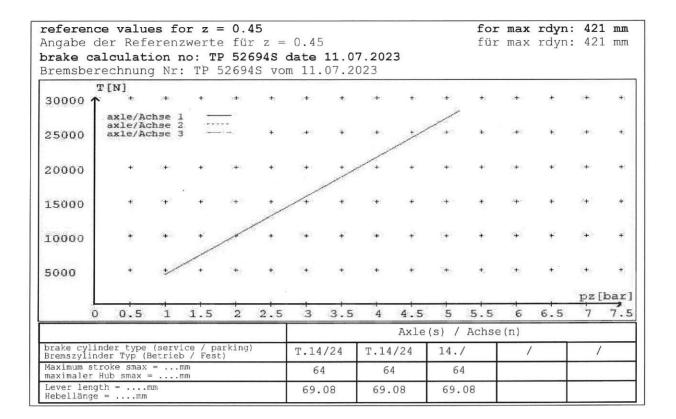
reference values for z = 45% for max rdyn: 421 mm

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

VIN - no.:

| | Axle(s) / Achse(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 | | |







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
- 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 | | | |
|---------------------------|-------------------------------|--------------------|---------------|
| MANUFACTURER: | | DOMETT TRAILERS | |
| ADDRESS: | TAURIK | URA DRIVE, TAURANG | A 3110 |
| FLEET: | | MAINROAD | |
| VEHICLE DETAILS | | | |
| VEHICLE TYPE: | 3ASBTF CURTAINSIDE | CERT #: | JH230713 |
| YEAR: | 2023 | CALCULATION #: | TP52694 |
| MAKE: | DOMETT | REGO #: | N/A |
| MODEL: | C2003 PH | LT400 #: | 880231 |
| CHASSIS #: | 2256 | ORDER #: | 9357 |
| VIN #: | 7 A 9 C 2 0 0 3 3 P 2 0 2 3 2 | 256 | 27 |
| GVM: t | 33 | PRIME MOVER: | UNKNOWN |
| LOAD CONFIGURATION: | MIXED FREIGHT | | |
| GROUP RATINGS: t | FRONT | REAR | |
| | 14 | 19 | |
| WHEEL BASE: m | 6.9 | | |
| | UNLADEN COG m | MAX HEIGHT m | HEIGHT DECK m |
| | 0.82 | 4.3 | 1.42 |
| COG: m | 2.240 | | |
| | FRONT | REAR | TOTAL |
| TARE: t | 1.8 | 3.6 | 5.4 |
| | | REAR | |
| TYRE SIZE: | | 265 70 R19.5 | |
| ROLLING CIRCUMFERENCE: mm | | 2645 | |
| AXLE SPACING: m | | 3 | |
| | | | D 1 |

Page 1

| | | 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: | 1 | | 10 | NG-IU25-ZI9 |
| | 2 | | | NG-IU25-ZI9 |
| | 3 | | | NG-IU25-ZIS |
| | 4 | | N/A | N/A |

CHAMBER AND VALVING DETAILS **CHAMBERS: AXLE 1 & 2 AXLE 3 BRAND**: TSE CHAMBERS TSE CHAMBERS SIZE: 1416HTLD 14HSCLD 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 **BRAKE VALVES: PART NUMBER:** PM PRESS. kPa MAKE: **ECU PART #:** WABCO 480 102 08.0 (MV) 70 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:** ☐ REAR ☑ FRONT ☐ SMARTBOARD ☐ OPTI-LINK ☐ CAN R/R 446 122 050/051 0 SUBSYSTEMS: ☐ TAILGUARD ☐ ELEX 446 122 070 0 Page 2

| | REAR |
|---|--|
| SUSPENSION TYPE: | PNEUMATIC |
| MAKE: | SAF_AIRSPRING |
| MODEL: | SAF_INTRA |
| BELLOW SIZE: | 2619, 300mm |
| HEIGHT CONTROL VALVE: | HALDEX 90554950 |
| OTHER VALVES: | N/A |
| RIDE HEIGHT mm: | 230 |
| HANGER HEIGHT mm: | 200 |
| PEDESTAL HEIGHT mm: | 5 |
| LIFTAXLE: | N/A |
| DUMP SWITCH: | N/A |
| LIFTAXLE VALVE: | N/A |
| | |
| AIR TANKS AIR TANKS STANDARD: | SAF 110A / FN286-2 |
| AIR TANKS AIR TANKS STANDARD: | SAE J10A / EN286-2 |
| | SAE J10A / EN286-2 REAR 46 + 25 |
| AIR TANKS STANDARD: | REAR |
| AIR TANKS STANDARD: BRAKE TANK SIZE: L | REAR 46 + 25 |
| AIR TANKS STANDARD: BRAKE TANK SIZE: L AUXILLARY TANK SIZE: L PRESSURE PROTECTION: | REAR 46 + 25 46 |
| AIR TANKS STANDARD: BRAKE TANK SIZE: L AUXILLARY TANK SIZE: L | REAR 46 + 25 46 |
| AIR TANKS STANDARD: BRAKE TANK SIZE: L AUXILLARY TANK SIZE: L PRESSURE PROTECTION: | REAR 46 + 25 46 |
| AIR TANKS STANDARD: BRAKE TANK SIZE: L AUXILLARY TANK SIZE: L PRESSURE PROTECTION: AIR LINES | REAR 46 + 25 46 |
| AIR TANKS STANDARD: BRAKE TANK SIZE: L AUXILLARY TANK SIZE: L PRESSURE PROTECTION: AIR LINES TEST POINTS: | REAR 46 + 25 46 WABCO PEM: 461 513 002 0 |
| AIR TANKS STANDARD: BRAKE TANK SIZE: L AUXILLARY TANK SIZE: L PRESSURE PROTECTION: AIR LINES TEST POINTS: CONTROL LINE: | REAR 46 + 25 46 WABCO PEM: 461 513 002 0 |
| AIR TANKS STANDARD: BRAKE TANK SIZE: L AUXILLARY TANK SIZE: L PRESSURE PROTECTION: AIR LINES TEST POINTS: CONTROL LINE: FIXED AXLE CHAMBERS: STEER AXLE CHAMBERS: | REAR 46 + 25 46 WABCO PEM: 461 513 002 0 X 1 X 2 |
| AIR TANKS STANDARD: BRAKE TANK SIZE: L AUXILLARY TANK SIZE: L PRESSURE PROTECTION: AIR LINES TEST POINTS: CONTROL LINE: FIXED AXLE CHAMBERS: | REAR 46 + 25 46 WABCO PEM: 461 513 002 0 X 1 X 2 N/A |

SUSPENSION

| RULES / STANDARD COMPLIANC | E REFERENCE: LTR32015 | | |
|--|---------------------------------------|-----------------------|-------------|
| ☑ SCHEDULE 5 | ☐ ADR 35 | ☐ ECE R 13 | ☐ FMVSS 121 |
| CHECKS AT COMMISSION OF VEH | | | |
| CHAMBER BUNGS REMOVED: | ✓ | VALVE MOUNTING: | ✓ |
| ECU BLANKING PLUGS CHECKED: | V | DUOMATIC DRILLED: | V |
| DECDONCE TIME | MACDIN ATOD 2.4 | MACRIMATOR 2.2 | DELAWA/ALME |
| RESPONSE TIME: ms: | MODULATOR 2.1 | MODULATOR 2.2 | N/A |
| 1000000 | | | IV/A |
| NOTES, SKETCHES AND SPECIAL OF FILES RECEIVED: 13.03.2023 | ONDITIONS FILES CREATED & SENT TO CI | C: 11.07.2023 | |
| REQUEST A COPY OF THE TARE WEIGHT | | C. 11.07.2025 | |
| | | | |
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| 3 | | | |
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| FILES RETURNED AS COMPLETE: REASON FOR CERTIFICATION: NEW | V TRAILER BUILD | | |
| | | LOW AND HOLD A CHEREN | |
| I UNDERSTAND AND DECLARE THAT I AN APPOINTMENT. I CERTIFY THAT AT THE 1 | | | |
| DESIGN AND THIS CERTIFICATION COMP | | | |
| STANDARDS COMPLIANCE 2002 AND MY | | | |
| INFORMATION CONTAINED IN THIS CERT | IFICATE IS TRUE AND CORRECT | 19 | |
| NEW ZEALAND HEAVY VECHLE BRAK | E RULE 32015, SCHEDULE 5. | | |
| DATE: | 20/01/2023 | | |
| SIGNED: | 146 | | |
| 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 | | |