NZ TRANSPORT AGENCY
WAKA KOTAHI

Heavy Vehicle Specialist Certificate

Heavy Vehicle Specialist Inspector and Inspecting Organisation

Heavy Vehicle Specialist Inspector's Name *(PRINT IN CAPS)*: CHRIS CLARKE

ID: CJC

Vehicle Registration*:

VIN / Chassis Number: 7A9D35014C1023022

Component being certified:

Chassis Modification | Load Anchorage | Log Bolsters

Towing Connection | ✓ Brakes | SRT

Certification Category: 1 HUEK.

Description of Work

CARRY OUT SET UP OF TRAILER EBS SYSTEM IN COMPLIANCE WITH THE NZ HEAVY VEHICLE BRAKE RULE.

Code/Standard Certified to: HUBNZ 32015/2 SCHED 5.

Component Load Rating(s): N/A.

General Drawing Number(s): N/A

Supporting Documents

BRAKE DESIGN CERTIFICATE – JH1111K0

PREV EXEMPTED REFERENCE – HUB11/288

*Special Conditions

WARNING LAMP MUST ILLUMINATE WHEN IGNITION IS SWITCHED ON + THEN EXTINGUISH IMMEDIATELY OR WHEN VEHICLE EXCEEDS 7KPH

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 above 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 Deed of Appointment. To the best of my knowledge the information contained in this Certificate is true and correct.

Designer's ID *(if certified by a manufacturer)*

Inspector's / Delegate's Signature

*Delegate's Name *(PRINT IN CAPS)*

Date: 20.02.2012.

Number: 394223

COF Vehicle Inspector ID: | COF Vehicle Inspector Signature: | Date

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

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Document: A1246007
Exemption: HVB11/288

EXEMPTION FROM SPECIFIED REQUIREMENTS OF LAND TRANSPORT RULE: Heavy-vehicle Brakes 2006, Rule 32015

Pursuant to Section 166(1) of the Land Transport Act 1998, and pursuant to the powers delegated to me, I Jackie Hartley, Administrator (Assessments) hereby exempt the motor vehicle specified in Schedule 1 hereto from the section of Land Transport Rule: Heavy-vehicle Brakes 2006 (the Rule) listed in Schedule 2, subject to the conditions specified in Schedule 3.

SCHEDULE 1:

Make/Model: **Domett Truck & Trailer Ltd, 4 axle full-trailer**
VIN/CHASSIS: **7A9D35014C1023022**

SCHEDULE 2: - Exempted Requirement

Section 2.3(9); The parking brake of a vehicle, whether or not it is being operated as a combination vehicle, must be able to be applied by the driver from the normal driving position using one control only.

SCHEDULE 3: - Conditions of this exemption:

1) The vehicle must be fitted with a Wabco park-release emergency valve (PREV), Part Number: 971 002 900 0.

2) The vehicle must be fitted with the Wabco PREV name plate, Part Number 971 002 103 4, adjacent to the PREV.

3) The vehicle must still be fitted with a parking brake that complies with all parking brake requirements in the Rule other than the requirement in Clause 2.3(9) of the Rule.

4) The installation of the PREV must be approved in writing by Transport Specialties Limited (Transpecs) or an NZ Transport Agency appointed HVEK certifier acting on behalf of, and under instruction from, Transpecs; Transpecs must keep a written record of all approvals.

5) An HVEK certifier in 4) must be fully trained in end of line procedures for Wabco electronically controlled braking systems

6) Transpecs must provide full operator training in the use of the PREV and furnish the operator with full written operating instructions for the PREV.

7) The vehicle must not be modified in any way while operating under this exemption.

8) This original exemption must be kept by Transport Specialties Ltd.

9) A copy of this exemption (printed on a silver WABCO Sticker) must be affixed to the exempted vehicle as close to the WABCO PREV as possible.

10) The sticker in 8) must be legible and include all printed areas of this original exemption letter.

11) This exemption can be revoked at any time in writing by the NZ Transport Agency.

Signed at Wellington this 14th day of November 2011.

Jackie Hartley
Administrator (Assessments)

WABCO START-UP PROTOCOL

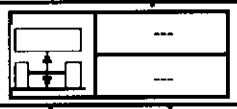
System	Trailer EBS-E	**WABCO part number**	480 102 064 0
Production date	2011-07-21	**Serial number**	896002997600N
Fingerprint Customer EOL / Customer Development / Flash Program	W 041610 / 2012-02-20 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00		

WABCO TRAILER EBS-E

GGVS/ADR TUEH TB 2007 - 019.00

HERSTELLER MANUFACTURER CONSTRUCTEUR	DOMETT T&T
TYP TYPE TYPE	4AX F/T TIPPER
FAHRZEUG IDENTNR. CHASSIS NUMBER NUMERO DE CHASSIS	7A9D35014C1023022
BREMSBERECHNUNGS-NR. BRAKE CALCULATION NO. CALCUL DE FREINAGE NO.	TP50556
POLRADZAHNEZAHL c-d | e-f POLE WHEEL TEETH c-d | e-f DENTS ROUE DENTÉE c-d | e-f	100 / 100
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 jumelee	X
Kippkritisches Fahrzeug Critical Trailer Véhicule critique	
Subsystems	--- / I/O

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	Pz
									pz					TR (daN)	
1	1500	0.8	2.2	7000	4.3	0.3	1.3	---	5.9	-	24	67	140	554	4021
2	1500	0.8	2.2	7000	4.3	0.3	1.3	---	5.9	-	24	67	140	554	4021
3	1200	0.6	1.4	7000	4.3	0.3	1.3	---	4.1	-	24 / 30	64	140	591	2850
4	1200	0.6	1.4	7000	4.3	0.3	1.3	---	4.1	-	24 / 30	64	140	591	2850
5	0	---	---	0	---	---	---	---	---	-	---	---	---	---	---

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 distance sensor calibration**	Not tested
ABS sensor assignment	OK	**Distance sensor Axle load calibr.**	Not tested
RTR check	Not tested	**Leak test**	Not tested
Immobilizer test	Not tested	**Signal outputs TEBS**	Not tested

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

Manufacturer	DOMETT T&T	**Vehicle ident. no**	7A9D35014C1023022
Vehicle type	4AX F/T TIPPER	**Odometer reading**	3.8 km
next Service	0 km	**Trip reading**	3.8 km
Tested by	Chris Clarke	**Signature**	
Date	2012-02-20 3:12:39 p.m.		

Transpecs
QUALITY ON THE MOVE

Statement of Design Compliance

S.O.D.C. number: JH111110

For Heavy vehicle brake specification (schedule 5) of HV Brake Rule 32015/2

Vehicle details:

Make:	Domett Trailers
Model:	D3501
VIN#:	7A9D35014C1023022
Chassis#:	1022
GCM (kgs):	N/A
GVM (kgs):	28000
Wheelbase (mm):	4845
Axle test report #:	HXS 15" x 8.625"
Type:	4 Axle tipper

Component Details:

	Front	Rear
Slack adjuster length:	140mm	140mm
Brake chamber size:	24 (24SCN2)	24/30 (2430TA2)
Tyre size:	265 70 R 19.5	265 70 R 19.5
Drawing number: (for component reference)	D3501	
Brake calculation#:	TP50556	

I declare that I am a Heavy Vehicle Specialist Certifier – Engineer and I hold a current valid appointment. I certify that this vehicle component design and this certification comply in all respects with the Land Transport Rule: ***Vehicle Standards Compliance 2002;*** *my Deed of Appointment and applicable requirements. To the best of my knowledge the information contained in this certificate is true and correct.*

Date: 14 Nov 2011

Name: John Hirst (HVEK)
Certifier ID: JEH

I, CHRIS CLARKE, certify that the braking system has been assembled and programmed*) to the requirements of this Design Certificate.

Signed: **Dated:** 20.02.2012

*) Programmed according to Wabco's End of Line protocol requirements where applicable.

trailer (full, semi-, centre-axle) with air brake system acc. to 71/320/EEC, last amended by 98/12/EC and 2006/96/EC or UN/ECE-R.13.11

distribution: DOMETT T&T
JH111110
7A9D35014C1023022

please note!

This brake calculation is made under consideration of
-the legal precriptions mentioned above in the version valid
alt the time of making the program (V6.10.05.21).
-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 V6.10.05.21 db 26.05.2010

vehicle manufacturer: DOMETT T&T

trailer model : 4AX F/T TIPPER

trailer type : 4-axle-full-trailer

remarks : air / hydraulic / VA suspension
WABCO TRAILER - EBS
TRISTOP 3+4: 24/30
265/70 R 19,5

axle 1 + 2 + 3 + 4 : Hendrickson, HXS 15 x 8.625", ,

		unladen	laden
total mass	P in kg	5400	28000
axle 1	P1 in kg	1500	7000
axle 2	P2 in kg	1500	7000
axle 3	P3 in kg	1200	7000
axle 4	P4 in kg	1200	7000
wheel base	E in mm	4845 - 4845	
centre of gravity height	h in mm	1250	1989

		axle 1	axle 2	axle 3	axle 4
		manually	manually	manually	manually
no. of combined axles		1	1	1	1
no. of brake chambers per axle line	KDZ	2	2	2	2
The power output corresponds to		FE 747	FE 747BC	0051.0BC	0051.0
brake chamber manufacturer		TSE	TSE	TSE	TSE
chamber size		24	24	24/30	24/30
lever length	lBh in mm	140	140	140	140
brake factor	[-]	8.70	8.70	8.70	8.70
dyn. rolling radius	rdyn min in mm	421	421	421	421
dyn. rolling radius	rdyn max in mm	421	421	421	421
threshold torque	Co Nm	20.0	20.0	20.0	20.0
calculation:					
chamber pressure(rdyn min)pH at z=22,5%bar		2.2	2.2	1.9	1.9
chamber pressure(rdyn max)pH at z=22,5%bar		2.2	2.2	1.9	1.9
chamber press.(servo)pcha at pm6,5bar	bar	5.9	5.9	4.1	4.1
piston force	ThA at pm6,5bar N	8128	8128	5768	5768
brake force(rdyn min)T lad. at pm6,5bar	N	46893	46893	33234	33234
brake force(rdyn max)T lad. at pm6,5bar	N	46893	46893	33234	33234
brake force within 1 % rolling friction proportion	%	24.6	24.6	25.4	25.4

braking rate z laden 0.583 for rdyn min
z = sum (TR)/PRmax 0.583 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
  EBS relay valve

  brake cylinder: TSE 24S

axle 2:
  valve 1: 971 002 ... 0 WABCO
  EBS emergency valve

  valve 2: 480 207 0.. 0 WABCO
  EBS relay valve

  brake cylinder: TSE 24S

axle 3:
  valve 1: 971 002 ... 0 WABCO
  EBS emergency valve

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

  brake cylinder: TSE 2430GC

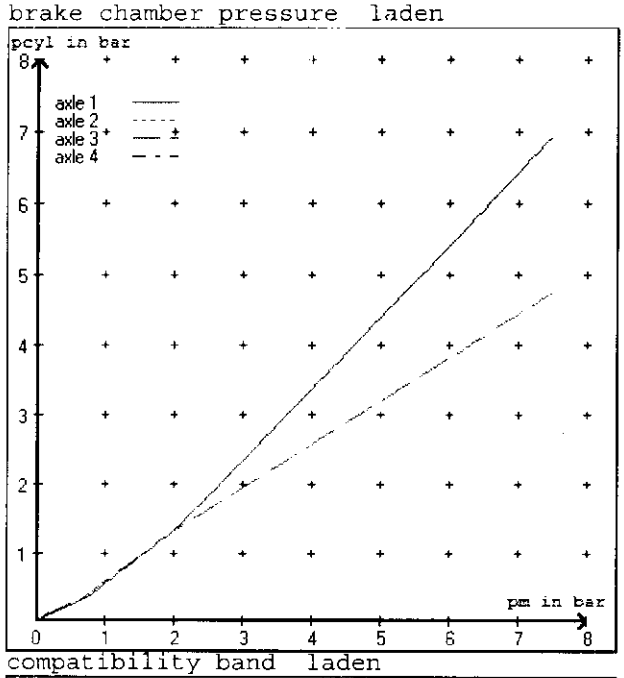
axle 4:
valve 1: 971 002 ... 0 WABCO
EBS emergency valve

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

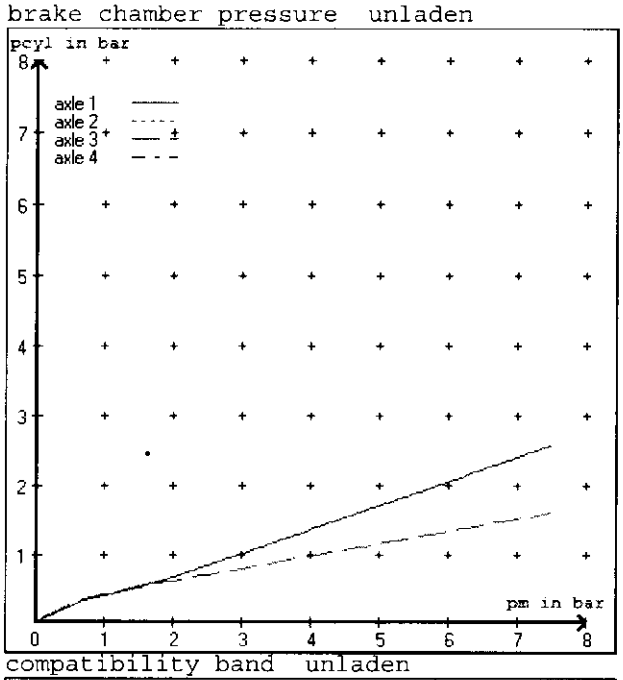
brake cylinder: TSE 2430GC

test type III (zIII = 0.30)	for rdyn min :	axle1	axle2	axle3	axle4	
at pm 3.7 bar =>	pcha in bar :	3.0	3.0	2.3	2.3	
test type III (zIII = 0.06)	for rdyn min :	axle1	axle2	axle3	axle4	
at pm 1.2 bar =>	pcha in bar :	0.7	0.7	0.7	0.7	

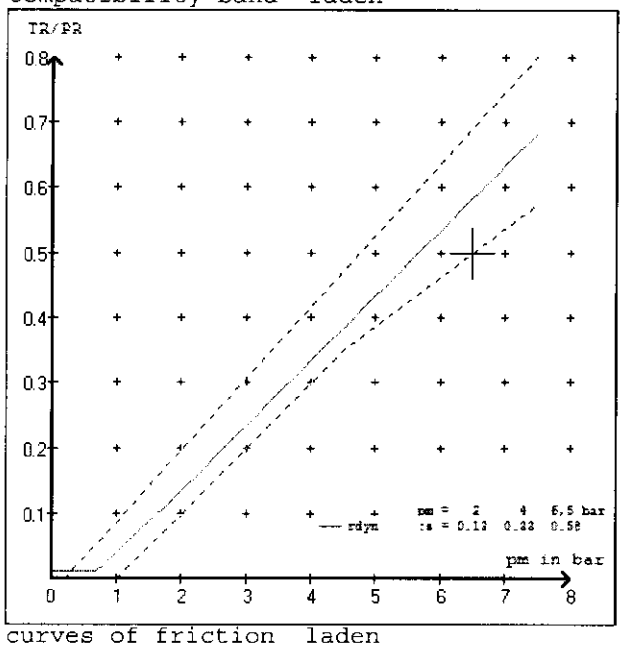
brake chamber pressure laden



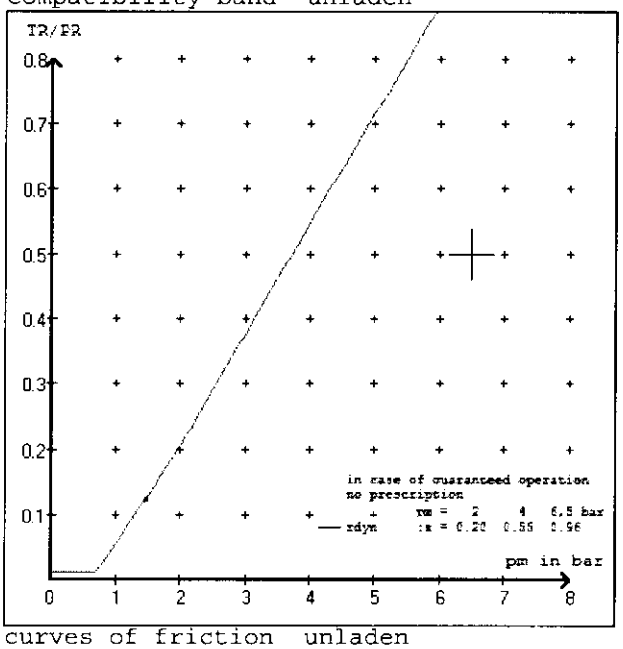
brake chamber pressure unladen



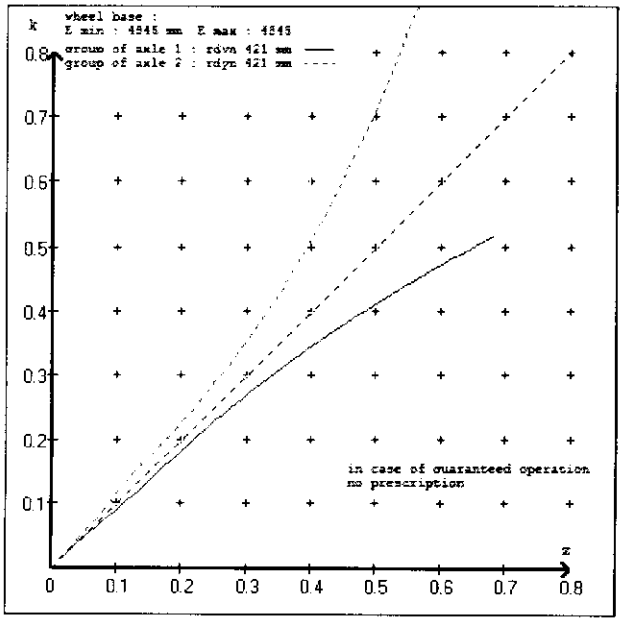
compatibility band laden



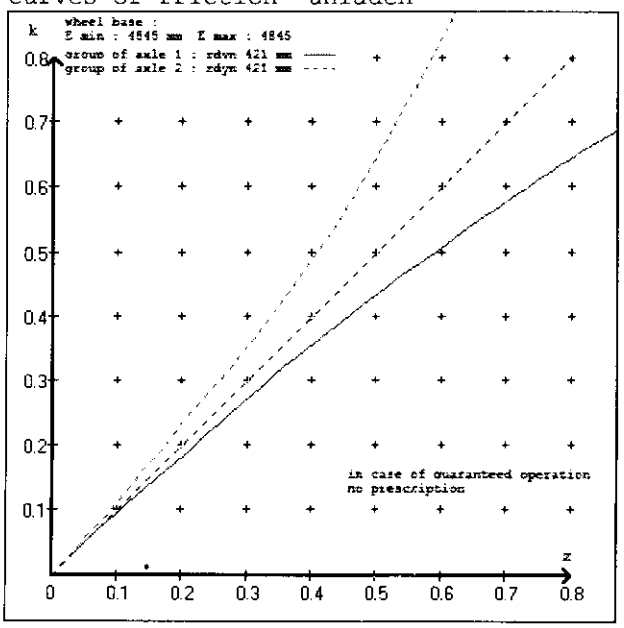
compatibility band unladen



curves of friction laden



curves of friction unladen



vehicle manufacturer: DOMETT T&T
trailer model : 4AX F/T TIPPER
trailer type : 4-axle-full-trailer

brake chamber and lever length :

axle 1 :	2 x type/diameter	24	(TSE)	lever length 140 mm
axle 2 :	2 x type/diameter	24	(TSE)	lever length 140 mm
axle 3 :	2 x type/diameter	24/30	(TSE)	lever length 140 mm
axle 4 :	2 x type/diameter	24/30	(TSE)	lever length 140 mm

brake diagram :

valve :

971 002 ... 0	WABCO EBS emergency valve
480 207 0.. 0	WABCO EBS relay valve
480 102 0.. 0	WABCO EBS trailer modulator

EBS input data
==========
vehicle manufacturer: DOMETT T&T
trailer model : 4AX F/T TIPPER
trailer type : 4-axle-full-trailer
brake calculation no. : TP 50556A

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 = 0.000
(laden condition) 2.0 bar z = 0.130
6.5 bar z = 0.580

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.	2.2	7000	to be entered by the vehicle manufac:	0.3	1.3	5.9
2	1500		2.2	7000		0.3	1.3	5.9
3	1200		1.4	7000		0.3	1.3	4.1
4	1200		1.4	7000		0.3	1.3	4.1
5	0		0,0	0		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 4	
axle load	pcyl	axle load	pcyl	axle load	pcyl	axle load	pcyl
1500	2.2	1500	2.2	1200	1.4	1200	1.4
2000	2.5	2000	2.5	1700	1.6	1700	1.6
2500	2.9	2500	2.9	2200	1.9	2200	1.9
3000	3.2	3000	3.2	2700	2.1	2700	2.1
3500	3.5	3500	3.5	3200	2.3	3200	2.3
4000	3.9	4000	3.9	3700	2.6	3700	2.6
4500	4.2	4500	4.2	4200	2.8	4200	2.8
5000	4.6	5000	4.6	4700	3.0	4700	3.0
7000	5.9	7000	5.9	7000	4.1	7000	4.1

data sheet to EC/ECE vehicle type-approval certificate concerning braking equipment: according to 98/12/EC annex IX 2.7.4 / ECE R13 annex 11

axle 1 : reference axle: HendricksonINTRAAX		brake lining: Abex 3030-197
test report :		date : 08/25/04
axle 2 : reference axle: HendricksonINTRAAX		brake lining: Abex 3030-197
test report :		date : 08/25/04
axle 3 : reference axle: HendricksonINTRAAX		brake lining: Abex 3030-197
test report :		date : 08/25/04
axle 4 : reference axle: HendricksonINTRAAX		brake lining: Abex 3030-197
test report :		date : 08/25/04

calc. verif. of residual (hot) braking force type III
(item 4.2 of appendix I to annex VII)

axle 1	(rdyn 421 mm)	T = 22.3 % Fe
axle 2	(rdyn 421 mm)	T = 22.3 % Fe
axle 3	(rdyn 421 mm)	T = 17.7 % Fe
axle 4	(rdyn 421 mm)	T = 17.7 % Fe

calculated actuator stroke in mm
(item 4.3.1.1 of appendix I to annex VII)

axle 1	(sp = 73 mm)	s = 42 mm
axle 2	(sp = 73 mm)	s = 42 mm
axle 3	(sp = 63 mm)	s = 42 mm
axle 4	(sp = 63 mm)	s = 42 mm

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

axle1	ThA = 8128 N
axle2	ThA = 8128 N
axle3	ThA = 5768 N
axle4	ThA = 5768 N

calc. residual (hot) braking force in N
(item 4.3.1.4 of appendix I to annex VII)

axle 1	(rdyn 421 mm)	T = 48706 N
axle 2	(rdyn 421 mm)	T = 48706 N
axle 3	(rdyn 421 mm)	T = 34515 N
axle 4	(rdyn 421 mm)	T = 34515 N

	basic test of subject trailer (z)	type III (calculated) residual (hot)braking
braking rate of the vehicle (item 4.3.2 to appendix I to annex VII)	0.58	0.61
required braking rate (items 1.3.3 and 1.6.2 to annex II)		>= 0,4 and >= 0,6*z (0.35)

calc. residual (hot) braking force in N
(item 4.3.1.4 of appendix I to annex VII)

axle 1	(rdyn 421 mm)	T = 48706 N
axle 2	(rdyn 421 mm)	T = 48706 N
axle 3	(rdyn 421 mm)	T = 34515 N
axle 4	(rdyn 421 mm)	T = 34515 N

	basic test of subject trailer (z)	type III (calculated) residual (hot)braking
braking rate of the vehicle (item 4.3.2 to appendix I to annex VII)	0.58	0.61
required braking rate (items 1.3.3 and 1.6.2 to annex II)		>= 0,4 and >= 0,6*z (0.35)

spring parking brake

		axle 3	axle 4
no of TRISTOP-actuators per axle line	KDZ	2	2
TRISTOP-actuator type		24/30	24/30
lever length	lBh in mm	140	140
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	6360	6360
sp.brake chamber no 925		376 005 0	376 005 0
sp.brake chamber no 925		376 2.. 0	376 2.. 0
release pressure	pLs in bar	4.9	4.9

calculation:

ratio until road		3.0374	3.0374
iFb = lBh*Eta*C*rBt/(2*rBn*rstat)			
	for rstat in mm	401	401
brake force of spring br. Tf	in N	37768	37768
Tf = (TFZ*KDZ-2*Co/lBh)*iFb			
braking rate	zf laden	0.285	
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 = 3588 mm for E = 4845 mm
==========
min Ef = 3588 mm for E = 4845 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
fzul	=	0.80	maximum permissible frictional connection required
zferf	=	0.18	maximum required braking ratio of the parking brake
h	=	1989 mm	height of center of gravity - laden
PR	=	14000 kg	maximum bogie mass - laden
P	=	28000 kg	maximum total mass - laden
nf	=	2	no. of axle(s) with TRISTOP spring brake actuators
ng	=	2	no. of bogie axle(s)

	axle 1.+ 2 + 3 + 4		
axle manufacturer	Hendrickson		
type of brake	HXS 15 x 8.625"		
type of axle	INTRAAX		
test report no.			
test report of characteristic value			
adm. stat. axle load	Pstat	in kg	10500
tested axle load	Pe	in kg	10500
max. adm. tyre radius	Rezul	in mm	999
adm. cam. torque (6,5 bar)	Czul	in Nm	2020
lining area per brake	AB	in cm²	1351
no. of brake cylinder		-	2
brakefactor Bf		-	8.70
threshold torque (Co,e)	Co,e	in Nm	20
date	08/25/04		
brake lining	Abex 3030-197		
cam torque	Ce	in Nm	1480
brake force	TeIII	in daN	5220
stroke	seIII	in mm	46
tested tyre radius	Re	in mm	516
tested lever length	le	in mm	152

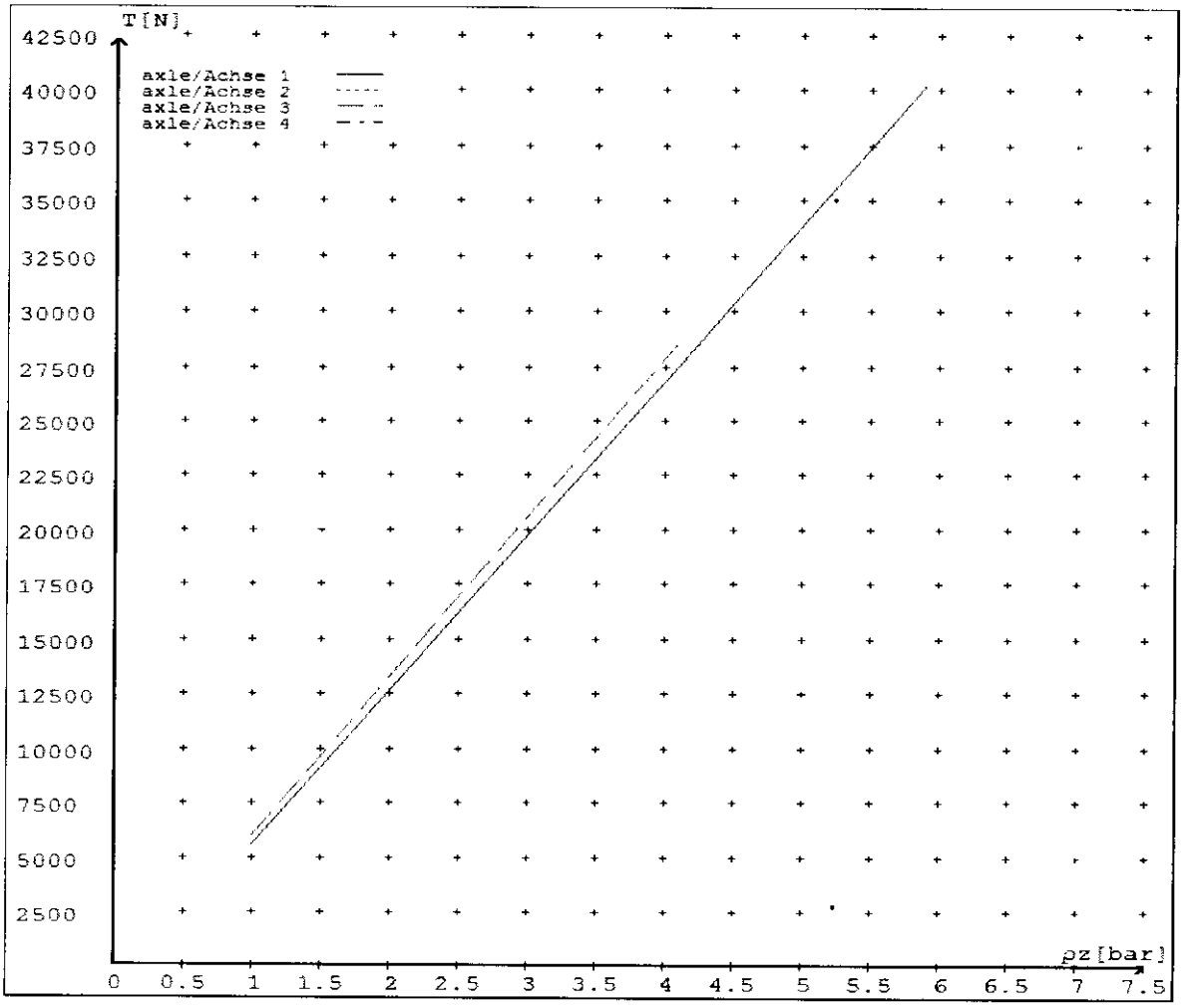
sf gf sf odf ! wbmvf t

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

	pz [bar]	T [N]	T [N]
axle 1	1.0 5.9	5542 40217	
axle 2	1.0 5.9	5542 40217	
axle 3	1.0 4.1		5919 28502
axle 4	1.0 4.1		5919 28502

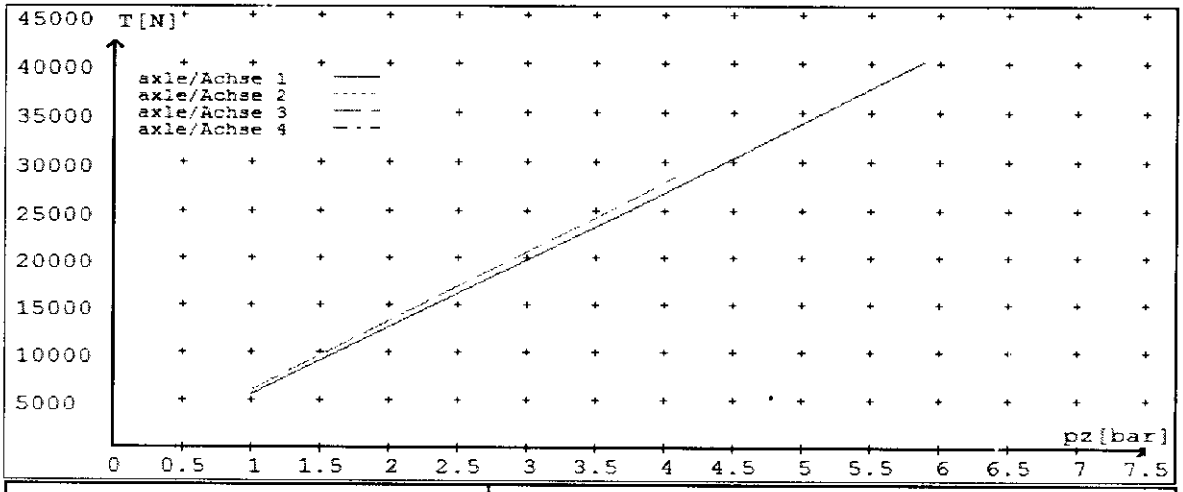
VIN - no.:

	Axle(s) / Achse(n)				
brake cylinder type (service / parking) Bremszylinder Typ (Betrieb / Fest)	24/	24/	24/30	24/30	/
Maximum stroke smax = ...mm maximaler Hub smax = ...mm	67	67	64	64	
Lever length = ...mm Hebellänge = ...mm	140	140	140	140	



Qsj ou! po! XBCDP! op/ ! 9: : ! 311! : 33! 5!) pomz! qpt t j cmf ! xj ui ! mbt f s! qsj ouf st " *

sf gf sf odf ! wbmvf t ! gps! { ! >! 1/ 6! gps! nby! sezo; ! 532! nn
Angabe der Referenzwerte für z = 0.5 für max rdyn: 421 mm
csbl f ! dbmdvmbuj po! op; ! UQ! 61667B! ebuf ! 21/ 22/ 3122
Bremsberechnung Nr. TP 50556A vom 10.11.2011



	Axle(s) / Achse(n)				
brake cylinder type (service / parking) Bremszylinder Typ (Betrieb / Fest)	24/	24/	24/30	24/30	/
Maximum stroke smax = ...mm maximaler Hub smax = ...mm	67	67	64	64	
Lever length = ...mm Hebellänge = ...mm	140	140	140	140	

HVBR WORKSHEET

(PROCEDURE & COMPLIANCE DOCUMENTATION SHEET)

CERTIFICATE No. JH111110

CUSTOMER NAME: DOMETT TRUCK & TRAILER LTD

CUSTOMER ORDER No.: 3702/BC DATE RECEIVED: 01.11.11

VEHICLE TYPE: 4 AXLE FULL TRAILER

REG No.: CHASSIS No.: 7A9D35014C1023022

BRIEF SPECIFICATION AS CERTIFIED TO HVBR

BRAKE CHAMBERS:
Type: 24SCN2 (TSE): Max stroke = 67mm Lever length = 140mm
Type: 2430TA2 (TSE): Max stroke = 64mm Lever length = 140mm

BRAKE VALVES: Ratio Valve Setting: EBS CONTROL
Test Points: 3 4 5 7

FRICTION LINING: OEM Aftermarket
(All) Lining Brand ABEX3030-197

EBS CONTROL: IF SPECIAL CONDITIONS APPLY – SEE INSTRUCTION ON LT400

VALVES: AS PER BRAKE CALC #TP50556

TYRE SIZE: 265 70 R 19.5

NOTES
PACKING SLIP NO. PROCESS TIME: 1

COMPLETION DATE : 14th November 2011 SIGNATURE (pp.): _____

Statement of Compliance with the New Zealand Heavy Brake Rule

Documentation required supporting Statements of Compliance with the New Zealand Heavy Brake Rule, to be made available to the Statutory Authority on request, must include all calculations and test reports.

Confirmation of compliance

I confirm that the vehicle identified on page 1 of this Statement of Compliance complies with all relevant requirements of the current New Zealand Heavy Vehicle Brake Rule 32015/2, Schedule 5.

Date: 14th November 2011 Signed (pp.): _____

Certifier's identification

Name: J E Hirst

Phone (bus): (09) 980 7300 Fax (bus): (09) 980 7306

Postal address: Transport Specialties, Cnr Kerrs & Ash Roads

Wiri, Auckland, PO Box 98 971 Manukau City 2241

Position: JEH

Confirmation of continued compliance of modification

I confirm the brake system of the vehicle identified on page 1 of this Statement of Compliance as modified by myself, continues to comply with all the relevant requirements of the current New Zealand Heavy Vehicle Brake Rule 32015/2, Schedule 5.

Date: _____ Signed: _____

Certifier's identification: JEH

Name:

Phone (bus): (09) 980 7300 Fax (bus): (09) 980 7306

Postal address: Transport Specialties Ltd

Cnr Kerrs & Ash Roads, Wiri, Auckland

PO Box 98 971, Manukau City 2241

HVBR WORKSHEET

(PROCEDURE & COMPLIANCE DOCUMENTATION SHEET)

CERTIFICATE No. JH111110

CUSTOMER NAME: DOMETT TRUCK & TRAILER LTD

CUSTOMER ORDER No.: 3702/BC DATE RECEIVED: 01.11.11

VEHICLE TYPE: 4 AXLE FULL TRAILER

REG No.: CHASSIS No.: 7A9D35014C1023022

BRIEF SPECIFICATION AS CERTIFIED TO HVBR

BRAKE CHAMBERS:
Type: 24SCN2 (TSE): Max stroke = 67mm Lever length = 140mm
Type: 2430TA2 (TSE): Max stroke = 64mm Lever length = 140mm

BRAKE VALVES: Ratio Valve Setting: EBS CONTROL
Test Points: 3 4 5 7

FRICTION LINING: OEM Aftermarket
(All) Lining Brand ABEX3030-197

EBS CONTROL: IF SPECIAL CONDITIONS APPLY – SEE INSTRUCTION ON LT400

VALVES: AS PER BRAKE CALC #TP50556

TYRE SIZE: 265 70 R 19.5

NOTES
PACKING SLIP NO. PROCESS TIME: 1

COMPLETION DATE : 14th November 2011 SIGNATURE (pp.):

Statement of Compliance with the New Zealand Heavy Brake Rule

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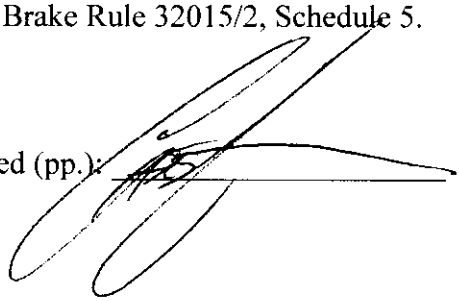

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Name: J E Hirst

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Postal address: Transport Specialties, Cnr Kerrs & Ash Roads

Wiri, Auckland, PO Box 98 971 Manukau City 2241

Position: JEH

Confirmation of continued compliance of modification

I confirm the brake system of the vehicle identified on page 1 of this Statement of Compliance as modified by myself, continues to comply with all the relevant requirements of the current New Zealand Heavy Vehicle Brake Rule 32015/2, Schedule 5.

Date: _____ Signed: _____

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