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 *(optional)*:

VIN/chassis number: 7A9E20011G1023513

Make: DOMETT

Component being certified:

- [ ] Chassis
- [ ] Load anchorage
- [ ] Log bolsters
- [ ] Towing connection
- [X] Brakes
- [ ] SRT
- [ ] PSV stability
- [ ] PSV rollover
- [ ] Swept path
- [ ] PBS

Model *(optional)*:

Certification category: HVEK

Description of work:

CERTIFY TO SCHEDULE 5 OF LTR 32015/3
ROLL STABILITY FUNCTION ACTIVATED

Code/standard/rule certified to: LTR 32015/3

Component load rating(s): 32 Tonnes GVM

General drawing number(s): N/A

Supporting documents:

BRAKE CODE CERTIFICATE CJC164026
BRAKE CALCULATION # 23513

Special conditions *(optional)*:

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: 12-Aug-16

Number: 561826

CoF vehicle inspector ID:

CoF vehicle inspector signature:

Date:

All fields are mandatory unless otherwise stated.

KNORR-BREMSE

ECUtalk® - TEBS G2 / G2.x (v.3.4.15.3)

EOL Report

TEBS G2.2 Prm	ES2095	K110612V01N49	E0 13R-
SW Version	TCPG.730.040.001.005	KB Help Centre	+ 49 (0) 180 566 77 05
Type	Full-trailer	Manufacturer	DOMETT
Brake calculation no.	7A9E20011G1023513	VIN	7A9E20011G1023513
Serial number	20155050028	PIN	00 00 05 D2

	Front pressure parameters				Rear pressure parameters			
Demand	Pneumatic (CAN) [bar]				Pneumatic (CAN) [bar]			
Control pressure [bar]	0.70	1.6	4.5	6.5	0.70	1.6	4.5	6.5
Brake press. unladen [bar]	0.45	0.8	1.7	2.4	0.43	0.7	1.6	2.2
Brake press. laden [bar]		1.5	4.4	6.5		1.1	3.3	4.8

Axle	Max. load [kg]		
1	8000	20	0
2	8000	20	0
3	6400	16	0
4	6400	16	0
5	6400	16	0

			Ext.brake demand	None
Bogie load unladen [kg]	3440	4080	Differential slip [%]	-
Bogie load laden [kg]	16000	19200	Max slip demand [bar]	-
Tyre diameter [mm]	842	842	Pressure limit (CAN) [bar]	-
Sensing ring teeth	90	90	ABS Configuration	4S/3M
Module turned	No		3rd modulator	TEPM Premium
TBM LS Type	TBM-Internal		TEPM LS Type	TEPM-Internal
LS1 U_unladen [V]	-		LS-TEPM U_unladen [V]	-
LS1 U_laden [V]	-		LS-TEPM U_laden [V]	-
Spring deflection TBM	-		Spring deflection TEPM-P	-
Lever length TBM	-		Lever length TEPM	-

AUXIO1	Disabled
AUXIO2	Disabled
AUXIO3	Supply
SENS_IN1	Disabled
SENS_SUP	Disabled
P28	Disabled
TEPM-AUXIO1	Disabled
TEPM-AUXIO2	Disabled
TEPM-SENS_IN1	Disabled
TEPM-SENS_IN2	Disabled

	Unladen	Laden
Airspring pressure TBM [bar]	0.5	4
Airspring pressure TEPM [bar]	0.6	4.9
Suspension pressure TBM [bar]	-	-
Suspension pressure TEPM [bar]	-	-

Kilometre counter [km]	0
Next service [km]	9999999
Next service [date]	31/12/2254

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KNORR-BREMSE

ECUtalk® - TEBS G2 / G2.x (v.3.4.15.3)

EOL Report

TEBS G2.2 Prm	ES2095	K110612V01N49	E0 13R-
SW Version	TCPG.730.040.001.005	KB Help Centre	+ 49 (0) 180 566 77 05
Type	Full-trailer	Manufacturer	DOMETT
Brake calculation no.	7A9E20011G1023513	VIN	7A9E20011G1023513
Serial number	20155050028	PIN	00 00 05 D2

EOL Test Result: OK

EOL Test Step Results

Initial "Fault" status (0.0)	OK (1)
Installation check (1)	OK (1)
System pressure test (2)	OK (1)
Warning lamp test (3)	OK (1)
S-A sensor test (11.1)	OK (1)
Air gap speed at SA [km/h]	2.02
S-C sensor test (11.3)	OK (1)
Air gap speed at SC [km/h]	2.01
S-D sensor test (11.4)	OK (1)
Air gap speed at SD [km/h]	1.84
S-B sensor test (11.2)	OK (1)
Air gap speed at SB [km/h]	1.99
RSP installation test (13)	OK (1)
Final "Fault" status (0.1)	OK (1)

Tester's name	Chris Clarke
Location	Genese Ltd
Date	Friday, 12 August 2016
Additional information	

Signature

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Calculation in accordance with ECE Regulation 13 (11 Series) and EEC Directive 71/320 EEC (2002/78/EC) using Knorr-Bremse Braking System Designer software (version 15.0).

Results based on vehicle data and components as defined by the Braking System Designer program user.
No liability assumed by Knorr-Bremse regarding the use of non-Knorr-Bremse product data.

Customer: DOMETT TRUCK & TRAILER

Vehicle: 7A9E20011G1023513

Project: E2001 PH 4AFT CURTAIN SIDE

Vehicle

Type		**2x3 Drawbar trailer**
Calculated effective wheelbase [m]		**8.03**
Laden (max.) mass [kg]		**35200.00**
Laden (max.) front axle group load [kg]		**16000.00**
Laden vertical position of CoG [m]		**2.05**
Unladen (min.) mass [kg]		**7520.00**
Unladen (min.) front axle group load [kg]		**3440.00**
Unladen vertical position of CoG [m]		**1.08**
Laden/unladen front air spring press.	**[bar]**	**4.90/0.60**
Laden/unladen rear air spring press.	**[bar]**	**4.00/0.50**

Axles

		Axle 1	Axle 2	Axle 3	Axle 4	Axle 5
Axle distances [m]		-	<----- 1.31 ----->	<----- 6.12 ----->	<----- 1.25 ----->	<----- 1.25 ----->
Axle loads [kg]	**Laden**	8000	8000	6400	6400	6400
	Unladen	1720	1720	1360	1360	1360
Axle type		ASSALI STEFEN 361-0071-04-FBKV	ASSALI STEFEN 361-0071-04-FBKV	ASSALI STEFEN 361-0071-04-FBKV	ASSALI STEFEN 361-0071-04-FBKV	ASSALI STEFEN 361-0071-04-FBKV
Tyre size		265/70 R 19.5	265/70 R 19.5	265/70 R 19.5	265/70 R 19.5	265/70 R 19.5
Dyn. tyre radius [mm]		421	421	421	421	421
Stat. tyre radius [mm]		401	401	401	401	401
Brake size or radius [mm] and Brake type		377x45 Disc ELSA 195 LE	377x45 Disc ELSA 195 LE	377x45 Disc ELSA 195 LE	377x45 Disc ELSA 195 LE	377x45 Disc ELSA 195 LE
Actuator numb./axle & size		2 x 20	2 x 20	2 x 16/24	2 x 16/24	2 x 16/24
Actuator force at 6.5 bar [N]		7564	7564	6588	6588	6588
Slack adjuster length [mm]		-	-	-	-	-
Thresh.mom.[Nm] or force[N]		55.00	55.00	55.00	55.00	55.00
Brake Factor by Annex 19		20.3	20.3	20.3	20.3	20.3
Discbrake lever length [mm]		74	74	74	74	74
Int.br.factor (C*) & Mech.eff.(Eta)		- -	- -	- -	- -	- -
Int.br.factor x Mech.eff.(C* x Eta)		-	-	-	-	-
S-Cam radius [mm] or mech.ratio or wedge angle[-]		-	-	-	-	-
Friction material		ROR 8616 AF	ROR 8616 AF	ROR 8616 AF	ROR 8616 AF	ROR 8616 AF
Cam shaft length [mm]		-	-	-	-	-

Calculation pressure [bar]: 6.5

Database version: 15.0.47

Warning! This brake calculation has been produced using information from a source not controlled by Knorr-Bremse. The results produced by this calculation are therefore dependent upon the accuracy of this information and Knorr-Bremse does not take responsiblity for any resulting errors.

System components

No.	Name	Type	Characteristics
1	Park & Shunt valve	AE4371	Predom. 0.0
2	Coupling head	KU1...	-
3	Brake Chamber 20" stroke: 65	ROR	BZ 122.1 15/09/2000
4	Brake Chamber 20" stroke: 65	ROR	BZ 122.1 15/09/2000
5	Trailer EBS G2.x	ES206./9.	Sensors on axle 3
6	Brake Chamber 20" stroke: 65	ROR	BZ 122.1 15/09/2000
7	Brake Chamber 20" stroke: 65	ROR	BZ 122.1 15/09/2000
8	Electronic Module Premium	ES2071	-
9	Spring Brake Actuator 16/24" stroke: 64/64	ROR	BZ 119.6 / 01/02/2001
10	Spring Brake Actuator 16/24" stroke: 64/64	ROR	BZ 119.6 / 01/02/2001
11	Spring Brake Actuator 16/24" stroke: 64/64	ROR	BZ 119.6 / 01/02/2001
12	Spring Brake Actuator 16/24" stroke: 64/64	ROR	BZ 119.6 / 01/02/2001
13	Spring Brake Actuator 16/24" stroke: 64/64	ROR	BZ 119.6 / 01/02/2001
14	Spring Brake Actuator 16/24" stroke: 64/64	ROR	BZ 119.6 / 01/02/2001

Axle identifiers

Axle	Axle identifier	Brake identifier	Axle load ident.	Test report identifier	Suffix	Test code
Axle 1		ID2-ELSA 195 LE	ID3-11000	ID4-361 0071 04 FBKV	05	
Axle 2		ID2-ELSA 195 LE	ID3-11000	ID4-361 0071 04 FBKV	05	
Axle 3		ID2-ELSA 195 LE	ID3-11000	ID4-361 0071 04 FBKV	05	
Axle 4		ID2-ELSA 195 LE	ID3-11000	ID4-361 0071 04 FBKV	05	
Axle 5		ID2-ELSA 195 LE	ID3-11000	ID4-361 0071 04 FBKV	05	

Calculation pressure [bar]: 6.5

Database version: 15.0.47

Service brake Laden vehicle

Coupling head pres. [bar]	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
Deceleration [m/s^2]	0.00	0.36	0.89	1.40	1.89	2.39	2.89	3.38	3.88	4.38	4.89	5.39	5.90	6.40	6.91
Braking rate [%]	0.00	3.68	9.10	14.24	19.31	24.36	29.42	34.48	39.54	44.69	49.84	54.99	60.13	65.28	70.43
Axle 1 actuator pres. [bar]	0.2	0.8	1.37	1.89	2.4	2.9	3.41	3.91	4.41	4.94	5.46	5.98	6.5	7.02	7.54
Axle 1 braking torque [kNm]	0.00	1.45	3.58	5.49	7.36	9.22	11.08	12.94	14.81	16.73	18.66	20.59	22.52	24.44	26.37
Axle 1 braking force [kN]	0.00	3.43	8.50	13.05	17.48	21.90	26.32	30.75	35.18	39.75	44.33	48.90	53.48	58.06	62.63
Axle 1 adhesion utilised	0.00	0.04	0.10	0.15	0.20	0.25	0.29	0.33	0.37	0.40	0.44	0.48	0.51	0.54	0.57
Axle 2 actuator pres. [bar]	0.2	0.8	1.37	1.89	2.4	2.9	3.41	3.91	4.41	4.94	5.46	5.98	6.5	7.02	7.54
Axle 2 braking torque [kNm]	0.00	1.45	3.58	5.49	7.36	9.22	11.08	12.94	14.81	16.73	18.66	20.59	22.52	24.44	26.37
Axle 2 braking force [kN]	0.00	3.43	8.50	13.05	17.48	21.90	26.32	30.75	35.18	39.75	44.33	48.90	53.48	58.06	62.63
Axle 2 adhesion utilised	0.00	0.04	0.10	0.15	0.20	0.25	0.29	0.33	0.37	0.40	0.44	0.48	0.51	0.54	0.57
Axle 3 actuator pres. [bar]	0.2	0.66	1.03	1.41	1.79	2.16	2.54	2.92	3.29	3.67	4.05	4.42	4.8	5.18	5.55
Axle 3 braking torque [kNm]	0.00	0.82	2.03	3.24	4.45	5.66	6.87	8.08	9.29	10.50	11.71	12.92	14.13	15.34	16.55
Axle 3 braking force [kN]	0.00	1.94	4.81	7.69	10.57	13.44	16.32	19.19	22.06	24.94	27.81	30.69	33.56	36.44	39.31
Axle 3 adhesion utilised	0.00	0.03	0.08	0.13	0.19	0.24	0.30	0.36	0.43	0.50	0.58	0.66	0.74	0.84	0.93
Axle 4 actuator pres. [bar]	0.2	0.66	1.03	1.41	1.79	2.16	2.54	2.92	3.29	3.67	4.05	4.42	4.8	5.18	5.55
Axle 4 braking torque [kNm]	0.00	0.82	2.03	3.24	4.45	5.66	6.87	8.08	9.29	10.50	11.71	12.92	14.13	15.34	16.55
Axle 4 braking force [kN]	0.00	1.94	4.81	7.69	10.57	13.44	16.32	19.19	22.06	24.94	27.81	30.69	33.56	36.44	39.31
Axle 4 adhesion utilised	0.00	0.03	0.08	0.13	0.19	0.24	0.30	0.36	0.43	0.50	0.58	0.66	0.74	0.84	0.93
Axle 5 actuator pres. [bar]	0.2	0.66	1.03	1.41	1.79	2.16	2.54	2.92	3.29	3.67	4.05	4.42	4.8	5.18	5.55
Axle 5 braking torque [kNm]	0.00	0.82	2.03	3.24	4.45	5.66	6.87	8.08	9.29	10.50	11.71	12.92	14.13	15.34	16.55
Axle 5 braking force [kN]	0.00	1.94	4.81	7.69	10.57	13.44	16.32	19.19	22.06	24.94	27.81	30.69	33.56	36.44	39.31
Axle 5 adhesion utilised	0.00	0.03	0.08	0.13	0.19	0.24	0.30	0.36	0.43	0.50	0.58	0.66	0.74	0.84	0.93

Calculation pressure [bar]: 6.5

Database version: 15.0.47

Service brake Unladen vehicle

Coupling head pres. [bar]	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
Deceleration [m/s^2]	0.00	0.74	1.64	2.49	3.33	4.18	5.02	5.86	6.70	7.56	8.42	9.27	10.13	10.99	11.84
Braking rate [%]	0.00	7.50	16.70	25.43	33.99	42.61	51.17	59.76	68.33	77.07	85.81	94.53	103.27	111.99	120.74
Axle 1 actuator pres. [bar]	0.2	0.56	0.75	0.92	1.08	1.24	1.4	1.57	1.73	1.9	2.06	2.23	2.4	2.57	2.74
Axle 1 braking torque [kNm]	0.00	0.58	1.28	1.90	2.49	3.09	3.69	4.29	4.88	5.51	6.13	6.75	7.37	7.99	8.61
Axle 1 braking force [kN]	0.00	1.39	3.04	4.51	5.93	7.35	8.77	10.18	11.60	13.08	14.56	16.03	17.51	18.98	20.46
Axle 1 adhesion utilised	0.00	0.08	0.17	0.25	0.32	0.39	0.45	0.51	0.57	0.63	0.69	0.74	0.80	0.85	0.89
Axle 2 actuator pres. [bar]	0.2	0.56	0.75	0.92	1.08	1.24	1.4	1.57	1.73	1.9	2.06	2.23	2.4	2.57	2.74
Axle 2 braking torque [kNm]	0.00	0.58	1.28	1.90	2.49	3.09	3.69	4.29	4.88	5.51	6.13	6.75	7.37	7.99	8.61
Axle 2 braking force [kN]	0.00	1.39	3.04	4.51	5.93	7.35	8.77	10.18	11.60	13.08	14.56	16.03	17.51	18.98	20.46
Axle 2 adhesion utilised	0.00	0.08	0.17	0.25	0.32	0.39	0.45	0.51	0.57	0.63	0.69	0.74	0.80	0.85	0.89
Axle 3 actuator pres. [bar]	0.2	0.52	0.67	0.83	0.98	1.13	1.28	1.44	1.59	1.74	1.89	2.05	2.2	2.35	2.51
Axle 3 braking torque [kNm]	0.00	0.39	0.88	1.37	1.86	2.35	2.84	3.33	3.82	4.31	4.80	5.29	5.78	6.27	6.76
Axle 3 braking force [kN]	0.00	0.92	2.08	3.25	4.41	5.58	6.74	7.91	9.07	10.23	11.40	12.56	13.72	14.89	16.05
Axle 3 adhesion utilised	0.00	0.07	0.16	0.26	0.36	0.47	0.58	0.70	0.82	0.95	1.09	1.23	1.38	1.55	1.72
Axle 4 actuator pres. [bar]	0.2	0.52	0.67	0.83	0.98	1.13	1.28	1.44	1.59	1.74	1.89	2.05	2.2	2.35	2.51
Axle 4 braking torque [kNm]	0.00	0.39	0.88	1.37	1.86	2.35	2.84	3.33	3.82	4.31	4.80	5.29	5.78	6.27	6.76
Axle 4 braking force [kN]	0.00	0.92	2.08	3.25	4.41	5.58	6.74	7.91	9.07	10.23	11.40	12.56	13.72	14.89	16.05
Axle 4 adhesion utilised	0.00	0.07	0.16	0.26	0.36	0.47	0.58	0.70	0.82	0.95	1.09	1.23	1.38	1.55	1.72
Axle 5 actuator pres. [bar]	0.2	0.52	0.67	0.83	0.98	1.13	1.28	1.44	1.59	1.74	1.89	2.05	2.2	2.35	2.51
Axle 5 braking torque [kNm]	0.00	0.39	0.88	1.37	1.86	2.35	2.84	3.33	3.82	4.31	4.80	5.29	5.78	6.27	6.76
Axle 5 braking force [kN]	0.00	0.92	2.08	3.25	4.41	5.58	6.74	7.91	9.07	10.23	11.40	12.56	13.72	14.89	16.05
Axle 5 adhesion utilised	0.00	0.07	0.16	0.26	0.36	0.47	0.58	0.70	0.82	0.95	1.09	1.23	1.38	1.55	1.72

Calculation pressure [bar]: 6.5

Database version: 15.0.47

Miscellaneous

Coupling head pressure where z = 22.5% (laden case)

Pressure[bar] 2.81

Brake chamber pressure where z = 22.5% (laden case)

Pressure[bar] Axle1 : 2.8 Axle2 : 2.8 Axle3 : 2.09 Axle4 : 2.09 Axle5 : 2.09

Automatic braking performance (laden case) at 6.5 bar

Deceleration [m/s^2] : 7.62 Braking rate [%] 77.7

Vehicle performance in case of a load sensing device control failure (laden case) at 6.5 bar

Front axle group		**Rear axle group**	
Deceleration [m/s^2] :	5.90	Deceleration [m/s^2] :	5.90
Braking rate [%]	60.1	Braking rate [%]	60.1

Parking brake Laden vehicle

Maximum slope [%]:	Up	Down
	-56.1	**37.1**

Spring force [N]	maximum:	at 18%:
Axle 1	-	-
Axle 2	-	-
Axle 3	7605	2631
Axle 4	7605	2631
Axle 5	7605	2631

Calculation pressure [bar]: 6.5

Database version: 15.0.47

Trailer EBS parameters

Coupling head pressure [bar]	Brake chamber pressure [bar]	
0.7	0.43	
	Unladen	Laden
1.6	0.7	1.11
6.5	2.2	4.8
Low-range comp. at 1.6 bar	0	0
High-range comp. at 4.5 bar	0	0

Air suspension	Unladen	Laden
Axle boogie load [kg]	4080	19200
voltages [V]	-	-
pressures [bar] defined by vehicle manufacturer	0.5	4

Pressure limitation [bar] -

3rd modulator logic is LS characteristic

Slip differential [%] - **from** - **[bar]**

Axle and Tyre information

Number of axles: 5

Dynamic tyre radius [cm]: 42.1

EMS/EMP parameters:

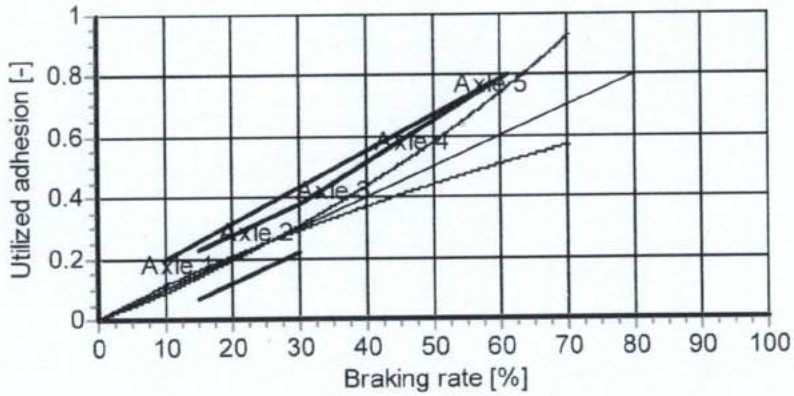
Coupling head pressure [bar]	Brake chamber pressure [bar]	
0.7	0.45	
	Unladen	Laden
1.6	0.79	1.49
6.5	2.4	6.5
Low-range comp. at 1.6 bar	0.04	0.1
High-range comp. at 4.5 bar	0	0

Air suspension	Unladen	Laden
Axle boogie load [kg]	3440	16000
voltages [V]	-	-
pressures [bar]	0.6	4.9

Calculation pressure [bar]: 6.5

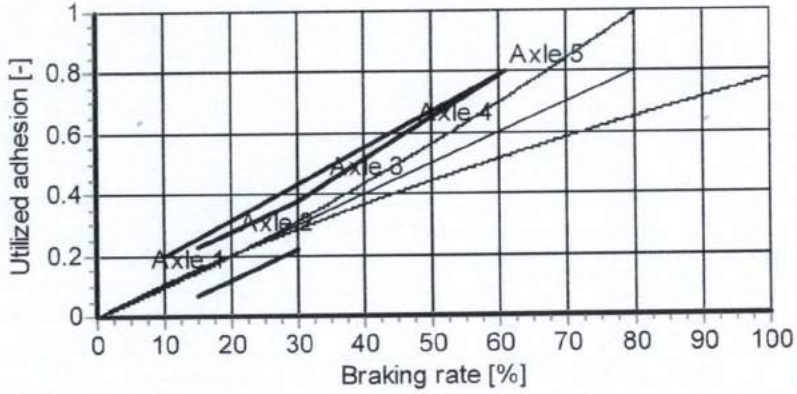
Database version: 15.0.47

Laden vehicle - adhesion utilisation



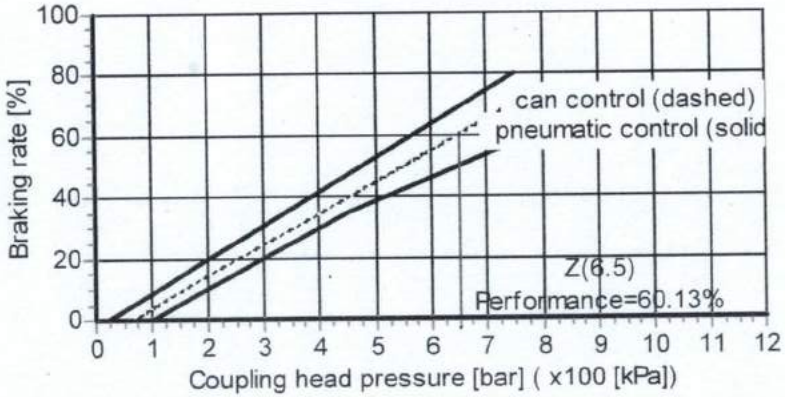
(With anti-lock system the adhesion requirements do not have to be fulfilled.)

Unladen vehicle - adhesion utilisation

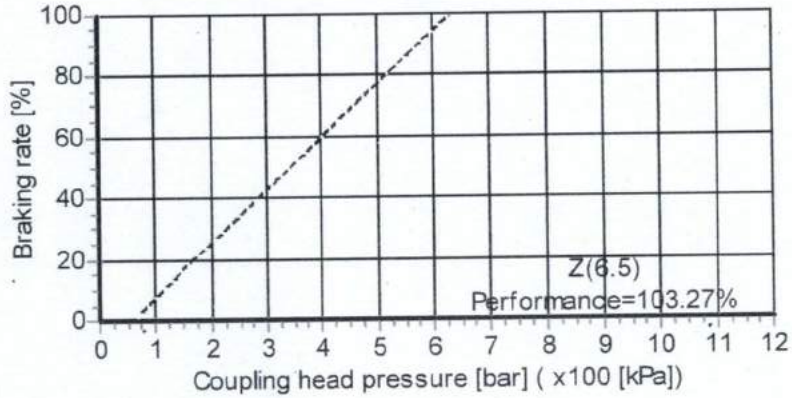


(With anti-lock system the adhesion requirements do not have to be fulfilled.)

Laden vehicle - compatibility with Pneumatic and CAN control



Unladen vehicle - compatibility with Pneumatic and CAN control



Calculation pressure [bar]: 6.5

Database version: 15.0.47

GENESE LTD

HEAVY VEHICLE BRAKE RULE 32015/3 WORKSHEET (PROCEDURE DOCUMENTATION SHEET-PDS) & CONFIRMATION OF COMPLIANCE

CERTIFICATE NO.	CJC164026
CUSOMER NAME	DOMETT TRUCK & TRAILER LTD
CUSTOMER ORDER NO.	~~BQ13268~~
DATE RECEIVED	12-Aug-16
VEHICLE TYPE	5AFT
VIN/ CHASSIS NO.	7A9E20011G1023513

BRIEF SPECIFICATION AS CERTIFIED TO SCHEDULE 5

BRAKE VALVES	**MAKE**	**TYPE**
PRIMARY RELAY	KNORR BREMSE	K027900V01
SECONDARY RELAY	KNORR BREMSE	K019312V05
YARD RELEASE VALVE	KNORR BREMSE	K025700N00
PARK BRAKE VALVE	KNORR BREMSE	K025700N00

LOCKED RATIO:	**FRONT**	**REAR**
MAKE	N/A	N/A
SETTING	N/A	N/A

OTHER VALVES:

MAKE:		**TYPE:**		**SETTING:**	
MAKE:		**TYPE:**		**SETTING:**	
MAKE:		**TYPE:**		**SETTING:**	
MAKE:		**TYPE:**		**SETTING:**	

BRAKE CHAMBERS:	AXLE 1 & 2	AXLE 3 & 4	AXLE 5
MAKE	TSE	TSE	TSE
SIZE	20HSCLD65	1624HTLD64	16HSCLD64
MAX STROKE (mm)	65	64	64
SLACK LENGTH (mm)	74	74	74
DRUM TYPE:	N/A	N/A	N/A
		OR	
BRAKE CALIPER:	ROR KMX	ROR KMX	ROR KMX

FRICTION MATERIAL: ☑ OEM ☐ AFTERMARKET

LINING BRAND	AXLE 1 & 2	AXLE 3 & 4	AXLE 5
	ROR 8616 AF	ROR 8616 AF	ROR 8616 AF

OTHERS:

TYRES:	FRONT	REAR
	265 70 R 19.5	265 70 R 19.5

BRAKE CALCULATION #: 23513

COMMENTS:

EBS, SPECIAL CONDITIONS APPLY. SEE INSTRUCTIONS ON LT400 #

SALES ORDER #: BQ13270 PROCESS TIME: 1 HOUR

NOTES:

CHAMBERS & PARK BRAKE PERFORMANCE:

AS PER CALCULATION 003447

CONFORMATION OF COMPLIANCE

I CONFIRM THAT THE VEHICLE IDENTIFIED IN PAGES 1 AND 2 OF THIS CONFORMATION OF COMPLIANCE COMPLIES WITH ALL RELEVANT REQUIREMENTS OF THE CURRENT NEW ZEALAND HEAVY VEHICLE BRAKE RULE 32015/3, SCHEDULE 5.

DATE: **12-Aug-16** **SIGNED:**

NAME & ID: C CLARKE (CJC)

PHONE (BUS): 07 823 1595 **MOBILE:** 027 200 2084

POSTAL ADDRESS:

GENESE LIMITED
385 HAUTAPU RD
RD 3
HAMILTON 3283

POSITION: BRAKE CERTIFIER HVEK

I CONFIRM THE BRAKE SYSTEM OF THE VEHICLE IDENTIFIED IN PAGE 1 OF THIS STATEMENT OF COMPLIANCE AS MODIFIED BY MYSELF, CONTINUES TO COMPLY WITH ALL THE RELIVANT REQUIREMENTS OF THE CURRENT NEW ZEALAND HEAVY BRAKE RULE 32015/3 SCHEDULE 5.

DATE: **SIGNED:**

NAME:

CERTIFIERS ID: **POSITION:**

PHONE (BUS): **FAX (BUS):**

COMMENTS:

Genese Ltd

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 32015/3.

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 32015/3. SECTION 10,

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 Transport Efficiencies Warranty policy. Customers have the right to appeal to the New Zealand Transport Authority if dissatisfied with a Compliance issue. (Refer NZTA Deed Of Appointment Para 47.4) **NZTA Helpdesk 0800 699 000**

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(C.Clarke (CJC) HVEK)

Genese Ltd

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 32015/3, 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.

C J Clarke
(CJC HVEK)
(027 200 2084)