



MANUFACTURER **ALSTOM** Ubunye
 Marievale Road, Vosterkroon, Nigel, 1490
CUSTOMER **Gibela**
CONTRACT
PROJECT **PRASA**

MANUFACTURER'S DELIVERY DOCUMENT

PRODUCT TYPE **TRAILR BOGIE TBEXT**
DTR0009706803
SERIAL NUMBER **TBEXT 620**

CONTENTS

- Compliance certificate.....	Page 1/2	<input checked="" type="checkbox"/>
- List of deviations and missing parts.....	Page 2/2	<input checked="" type="checkbox"/>
- Products traceability.....	1 page	<input checked="" type="checkbox"/>
- Load test report.....	1 page	<input checked="" type="checkbox"/>
- Motor certificate.....	8 pages	<input checked="" type="checkbox"/>

COMPLIANCE CERTIFICATE

We hereby declare, barring exceptions, reservations, or exemptions listed in this statement of conformity, that the listed supplies comply with the contract requirements and that, after completions of testing and verification, they completely satisfy all specified requirements and applicable standards and regulations.

CONSTRUCTOR APPROVAL	
DATE	07 June 2024
NAME	Kwababana Hlumisa
VISA	

 TRANSPORT	DELIVERY STATUS	PRASA TBEXT 620
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I - Deviation / Derogation

II - Bogie configuration

B Bogie index



ALSTOM UBUNYE

PRODUCTS TRACEABILITY

Products Designation	Product Reference	Serial Number	Batch or Date Manufactured	Supplier
Trailer Bogie TBEXT	DTR0009706803	620		Alstom - Abunye
Trailer Bogie Frame	AR00000176083	T0 908		Alstom - Ubunye
Wheelset (Front)	AR000000177020	T0 1687		Alstom - Ubunye
Axle	AR00000174678	107330	12176717	Jinxi
Wheel (Right)	AR00000174670	150	07-23	Bonatrans
Wheel (Left)	AR000000174670	024	10-23	Bonatrans
Wheelset (Rear)	AR00000185203	T0 1688		Alstom Ubunye
Axle	AR00000174678	107272	12176717	Jinxi
Wheel (Right)	AR00000174670	072	07-23	Bonatrans
Wheel (Left)	AR00000174670	136	10-23	Bonatrans
Pneumatic suspension (Right)	AR00000176127	2312120		TMT
Pneumatic suspension (Left)	AR00000176127	2312131		TMT
Brake unit with PB (Right rear)	AR00000174544	993	05-2024	Wabtec
Brake unit without PB (Right front)	AR00000175185	2956	05-2024	Wabtec
Brake unit without PB (Left Front)	AR00000175185	2957	05-2024	Wabtec
Brake unit without PB (left rear)	AR00000175185	2955	05-2024	Wabtec

PRESSING REPORT

DATE 6/7/2024	RESPONSABLE VALIDATION	PRASA	LOAD TEST : TBEXT
DATE VALIDATION		INSTRUCTION SHEET:	PROJECT:
		FAMILY:	

	THEORETICAL	MEASURED
WHEEL DIAMETER [mm]	MIN MAX	
GAP PRIMARY SUSPENSION [mm]	MIN MAX	33.00 35.10
SHIM THICK [mm]		
WEIGHT ON WHEEL [kg]	Q2	5441

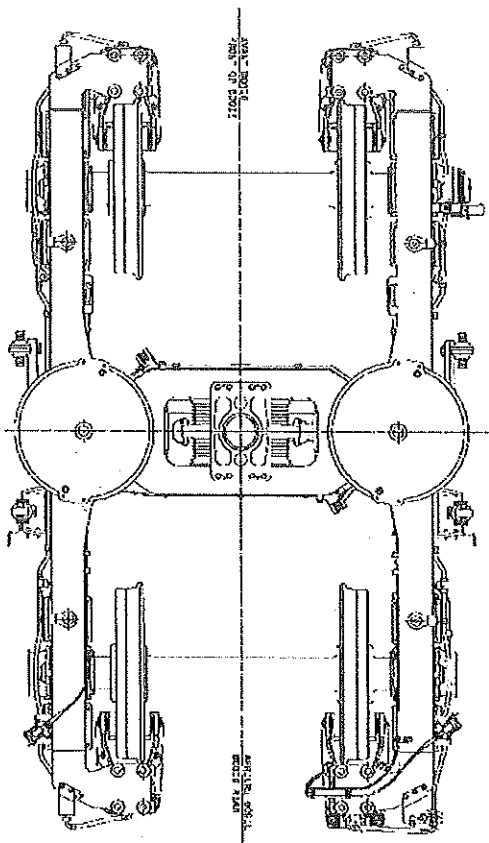
SECONDARY SUSPENSION			
MEASURED [mm]	SHIM THICK [mm]	DIM. WITH SHIM[mm]	THEORETICAL [mm]
534.49	+	6.00	= 590.49
			MIN MAX
			590.00 592.50

RIGHT JACK LOAD	
	3453 Kg

	THEORETICAL	MEASURED
WHEEL DIAMETER [mm]	MIN MAX	
GAP PRIMARY SUSPENSION [mm]	MIN MAX	33.00 35.50
SHIM THICK [mm]		
WEIGHT ON WHEEL [kg]	Q4	5461

BOGIE SERIAL N°	620
BOGIE TYPE	TBEXT
BOGIE WEIGHT UNDER LOAD [kg]	21907
COMPLETE BOGIE WEIGHT [kg]	4656
OPERATOR	DATE
BAIANA	6/7/2024

OPERATOR STAMP
DO-B-H-6



LEFT JACK LOAD	
	8452 Kg

SECONDARY SUSPENSION			
MEASURED [mm]	SHIM THICK [mm]	DIM. WITH SHIM [mm]	THEORETICAL [mm]
584.21	+	6.00	= 590.21
			MIN MAX
			590.00 592.50

DIFFERENCE IN RIGHT AND LEFT SUSPENSION HEIGHTS [mm]		0.28	MIN MAX
			-1.00 1.00

	THEORETICAL	MEASURED
LOAD DIFFERENCE ON FRONT AXLE [%]	MIN MAX	0.00 0.72
LOAD DIFFERENCE ON REAR AXLE [%]	MIN MAX	0.00 0.22
LOAD DIFFERENCE FRONT AXLE AND REAR AXLE [%]	MIN MAX	0.00 0.07
LOAD DIFFERENCE ON RAILS [%]	MIN MAX	0.00 0.47
LOAD DIFFERENCE ON DIAGONAL WHEELS [%]	MIN MAX	0.00 -0.25

	THEORETICAL	MEASURED
WHEEL DIAMETER [mm]	MIN MAX	
GAP PRIMARY SUSPENSION [mm]	MIN MAX	33.00 35.40
SHIM THICK [mm]		
WEIGHT ON WHEEL [kg]	Q1	5520

	THEORETICAL	MEASURED
WHEEL DIAMETER [mm]	MIN MAX	
GAP PRIMARY SUSPENSION [mm]	MIN MAX	33.00 34.70
SHIM THICK [mm]		
WEIGHT ON WHEEL [kg]	Q3	5485



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 Marievale Road, Vosterkroon, Nigel, 1490

CUSTOMER **Gibela**

CONTRACT

PROJECT **PRASA**

MANUFACTURER'S DELIVERY DOCUMENT

PRODUCT TYPE **TRAILER BOGIE TBINT**

DTR0009706802

SERIAL NUMBER **TBINT 626**

CONTENTS

- Compliance certificate.....	Page 1/2	<input checked="" type="checkbox"/>
- List of deviations and missing parts.....	Page 2/2	<input checked="" type="checkbox"/>
- Products traceability.....	1 page	<input checked="" type="checkbox"/>
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CONSTRUCTOR APPROVAL	
DATE	06 June 2024
NAME	Kwababana Hlumisa
VISA	

ALSTOM TRANSPORT	DELIVERY STATUS	PRASA TBINT 626
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I - Deviation / Derogation

II - Bogie configuration

B Bogie index



ALSTOM UBUNYE

PRODUCTS TRACEABILITY

Products Designation	Product Reference	Serial Number	Batch or Date Manufactured	Supplier
Trailer Bogie TBINT	DTR0009706802	626		Alstom - Abunye
Trailer Bogie Frame	AR00000176083	910		Alstom - Ubunye
Wheelset (Front)	AR000000177020	701685		Alstom - Ubunye
Axle	AR00000174678	107357	12176717	Jinxi
Wheel (Right)	AR00000174670	022	07-23	Bonatrans
Wheel (Left)	AR000000174670	020	07-23	Bonatrans
Wheelset (Rear)	AR00000185203	701686		Alstom Ubunye
Axle	AR00000174678	107333	12176717	Jinxi
Wheel (Right)	AR00000174670	075	07-23	Bonatrans
Wheel (Left)	AR00000174670	022	10-23	Bonatrans
Pneumatic suspension (Right)	AR00000176127	2312136		TMT
Pneumatic suspension (Left)	AR00000176127	2312130		TMT
Brake unit with PB (Right rear)	AR00000174544	992	05-2024	WABTEC
Brake unit without PB (Right front)	AR00000175185	2928	05-2024	WABTEC
Brake unit without PB (Left Front)	AR00000175185	2930	05-2024	WABTEC
Brake unit without PB (left rear)	AR00000175185	2929	05-2024	WABTEC

PRESSING REPORT

DATE VALIDATION		RESPONSABLE VALIDATION		PRASA	
6/6/2024				INSTRUCTION SHEET:	
				LOAD TEST : TBINT	
				PROJECT: PRASA	
				FAMILY:	

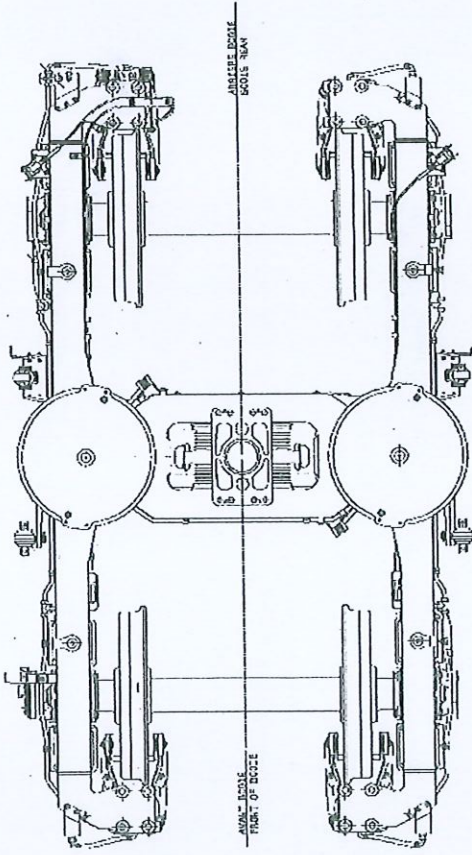
	THEORETICAL		MEASURED
	MIN	MAX	
WHEEL DIAMETER [mm]			
GAP PRIMARY SUSPENSION [mm]	MIN 34.50	MAX 40.50	38.60 ✓
SHIM THICK [mm]			
WEIGHT ON WHEEL [Kg]	Q4		4564

SECONDARY SUSPENSION ✓			
MEASURED [mm]	SHIM THICK [mm]	DIM. WITH SHIM [mm]	THEORETICAL [mm]
588.45	+	0.00	=
		588.45	MIN 587.50
			MAX 590.00

RIGHT JACK LOAD
6695 Kg

BOGIE SERIAL N°	626
BOGIE TYPE	TBINT
BOGIE WEIGHT UNDER LOAD [Kg]	18334
COMPLETE BOGIE WEIGHT [Kg]	4592
OPERATOR	SAFANA
DATE	6/6/2024

OPERATOR STAMP
DC-3FI-6



LEFT JACK LOAD
6695 Kg

	THEORETICAL		MEASURED
	MIN	MAX	
WHEEL DIAMETER [mm]			
GAP PRIMARY SUSPENSION [mm]	MIN 34.50	MAX 40.50	38.30 ✓
SHIM THICK [mm]			
WEIGHT ON WHEEL [Kg]	Q1		4572

SECONDARY SUSPENSION ✓			
MEASURED [mm]	SHIM THICK [mm]	DIM. WITH SHIM [mm]	THEORETICAL [mm]
588.00	+	0.00	=
		588.00	MIN 587.50
			MAX 590.00

DIFFERENCE IN RIGHT AND LEFT SUSPENSION HEIGHTS [mm]	✓
0.45	
	THEORETICAL [mm]
	MIN -1.00
	MAX 1.00

	THEORETICAL		MEASURED
	MIN	MAX	
WHEEL DIAMETER [mm]			
GAP PRIMARY SUSPENSION [mm]	MIN 34.50	MAX 40.50	37.80 ✓
SHIM THICK [mm]			
WEIGHT ON WHEEL [Kg]	Q3		4628