



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	

ALSTOM 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:	

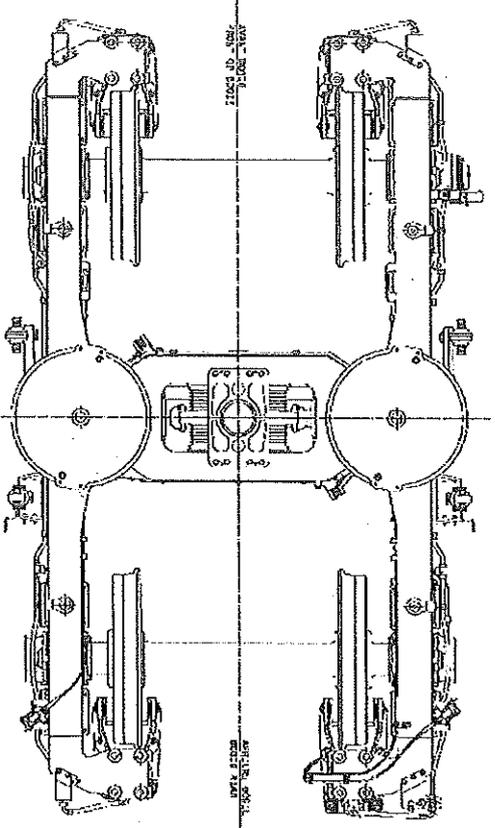
	THEORETICAL	MEASURED
WHEEL DIAMETER [mm]	MIN MAX	
GAP PRIMARY SUSPENSION [mm]	MIN 33.00 MAX 39.00	35.10 ✓
SHIM THICK [mm]		
WEIGHT ON WHEEL [kg]	Q2	5441

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

RIGHT JACK LOAD
8453 KG

	THEORETICAL	MEASURED
WHEEL DIAMETER [mm]	MIN MAX	
GAP PRIMARY SUSPENSION [mm]	MIN 33.00 MAX 39.00	35.50 ✓
SHIM THICK [mm]		
WEIGHT ON WHEEL [kg]	Q4	5461

BOGIE SERIAL N°	630
BOGIE TYPE	TBEXT
BOGIE WEIGHT UNDER LOAD [kg]	21907
COMPLETE BOGIE WEIGHT [kg]	4656
OPERATOR	DATE
BARANA	6/7/2024



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

LEFT JACK LOAD
8452 KG

	THEORETICAL	MEASURED
WHEEL DIAMETER [mm]	MIN MAX	
GAP PRIMARY SUSPENSION [mm]	MIN 33.00 MAX 39.00	35.40 ✓
SHIM THICK [mm]		
WEIGHT ON WHEEL [kg]	Q1	5520

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

DIFFERENCE IN RIGHT AND LEFT SUSPENSION HEIGHTS [mm]	0.28	THEORETICAL [mm]	MIN -1.00 MAX 1.00
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	THEORETICAL	MEASURED
WHEEL DIAMETER [mm]	MIN MAX	
GAP PRIMARY SUSPENSION [mm]	MIN 33.00 MAX 39.00	34.70 ✓
SHIM THICK [mm]		
WEIGHT ON WHEEL [kg]	Q3	5485



MANUFACTURER ALSTOM Ubunye
 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	



DELIVERY STATUS

PRASA
TBINT 626

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

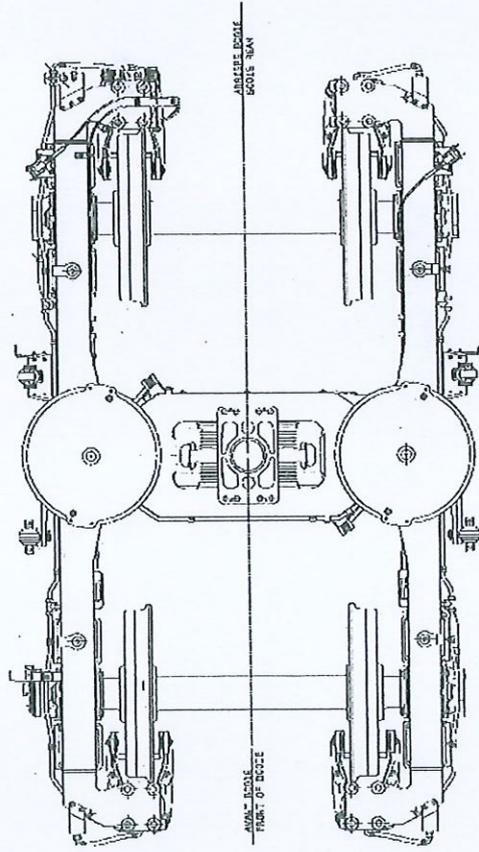
DATE VALIDATION	6/6/2024	RESPONSIBLE VALIDATION	PRASA
INSTRUCTION SHEET:		LOAD TEST :	TBINT
FAMILY:		PROJECT:	PRASA

	THEORETICAL	MEASURED
WHEEL DIAMETER [mm]	MIN	
	MAX	
GAP PRIMARY SUSPENSION [mm]	MIN	34.50
	MAX	40.50
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	Kg
6695	

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



LEFT JACK LOAD	Kg
6695	

OPERATOR STAMP	DC-3FI-6
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	THEORETICAL	MEASURED
LOAD DIFFERENCE ON FRONT AXLE [%]	MIN	-2.00
	MAX	2.00
LOAD DIFFERENCE ON REAR AXLE [%]	MIN	-2.00
	MAX	2.00
LOAD DIFFERENCE FRONT AXLE AND REAR AXLE [%]	MIN	-2.00
	MAX	2.00
LOAD DIFFERENCE ON RAILS [%]	MIN	-2.00
	MAX	2.00
LOAD DIFFERENCE ON DIAGONAL WHEELS [%]	MIN	-2.00
	MAX	2.00

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