



CONFIDENTIAL INFORMATION
 This document and the information contemplated therein have to be considered as Confidential Information pursuant to the provisions of Clause 25 of the MSA, and treated as such.

APPLICATION REFERENCE

MOUNTING	DESCRIPTION	STATION	CAR TYPE						WORK INSTRUCTION	SAFETY ? 	
			TC1	M4	M1	M2	M3	TC2			
<input type="checkbox"/>	DTR3-PROCE-14	LEVELLING, WEIGHTING AND BALANCING M CAR	FT1140		1	1	1	1		PRA.FT1140.04	YES
<input type="checkbox"/>	DTR3-PROCE-14	LEVELLING, WEIGHTING AND BALANCING TC CAR	FT1140	✓					1	PRA.FT1140.05	YES
<input type="checkbox"/>	DTR3-PROCE-17	LEVELLING, WEIGHTING AND BALANCING TC CAR	FT1140	1	1	1	1	1	1	PRA.FT1140.05	YES
<input type="checkbox"/>	DTR3-PROCE-17	LEVELLING, WEIGHTING AND BALANCING TC CAR	FT1140	1	1	1	1	1	1	PRA.FT1140.05	YES
<input type="checkbox"/>											
<input type="checkbox"/>											
<input type="checkbox"/>											

REV	DATE	MODIFICATION CONTENT	RESPONSIBLE	NAME	DATE
7	2/11/2020	UPDATE OF AIR TIGHTNESS TEST TIME FROM 4 MIN TO 5 MIN. ADD PANTOGRAPH AIR TIGHTNESS.	APPROVER	GIVEN SILOWA	2/11/2020.
			CHECKER	SIMON MOKOENA	2/11/2020
			COMPILER	COMFORT MALATJI	2/11/2020
8	9/13/2021	ADDING GAUGE MEASUREMENT CHECK ON THE SI.	APPROVER	MAKOFANE LUCY	9/13/2021
			CHECKER	RATAU EDISON	9/13/2021
			COMPILER	TSAKANI KHOSA	9/13/2021
9	5/31/2022	pressure valve (APV) Isolation	APPROVER	MAKHURUPETJI THABANG	5/31/2022
			CHECKER	HAZEL MGIBA	5/31/2022
			COMPILER	RATAU EDISON	5/31/2021

TUE	CAR	OPERATOR NAME	DATE	SELF INSPECTION NUMBER	PAGES
TS233	TC1	Sandile	01/07/24	SI.FT1140.52	01/08

	SELF INSPECTION INDUSTRIAL QUALITY	Rev:09	Projet: PRASA	SI.FT1140.52
		Date: 5/31/2022		

Car:	MCR:	Work Station FT1140
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1 - Document and Instrument Control

1.1 - Documents control									
Document	T01	M1	M2	M3	M4	T02	Revision	Remark	Signature/Date
PRA.FT1140.04	✓								✓ 01-01-24
PRA.FT1140.05									
PRA.FT1140.05									

1.2 - Instruments Control - Monitoring and Measuring Instrument Control (Used for all instrument with calibration needed)				
Instruments description	Serial number	Calibration or Verification Validation Date	OK	Signature/Date
Measuring tape	GIBETA 0276	26-10-23/26-11-24	✓	
Venier Caliper	COISUR 0050	06-05-23/06-05-24	✓	01-07-24
Torque wrench 530 N.m	A7650053	19-12-23/19-12-24	✓	
Torque wrench 320 N.m	A9690019	19-12-23/19-12-24	✓	
Torque wrench 150 N.m	B7217566	21-12-23/21-12-24	✓	
Torque wrench 35 N.m	D2511023	21-12-23/21-12-24	✓	
Torque wrench 17 N.m	D2861617	19-12-23/19-12-24	✓	



	<h1>SELF INSPECTION INDUSTRIAL QUALITY</h1>	Rev:09	Project: PRASA	SI.FT1140.52
		Date:		
		5/31/2022		

II - Self Inspection - Items to Check

II.1 - Items to Check														
Item	Picture/Sketch	Description	Criteria/Record	OK	NOT OK	Signature/Date								
01		Ensure that the average pressure valve (APV) is isolated by capping the two input pipes at the fittings installing the blanking fitting on the pipes highlighted		✓		<i>Blanco</i> 01/07/24								
02		Check underframe pipe system Air tightness Test performance according to WI PRA FT1130.15.	The test was performed and no leak was observed. Initial pressure (IP) 16.2 bar Final pressure (FP) 15.02 bar FP - IP = 0.27 bar APPROVAL CRITERIA: After 5 minutes the pressure cannot drops more than 0.2 bar	✓		<i>Blanco</i> 01-07-24								
03		Movement performed at least 50m to shudder the car. And position on the leveled load cell, with wheels on the center.		✓		<i>Blanco</i> 01-07-24								
04		Measurement inspection was done with car on condition AWD and the rail leveled (The load cells system must be leveled and calibrated)	Calibration Validation Date 14/12/23	✓		<i>Blanco</i> 01-07-24								
05		In case of the equipments not installed, equivalent weight of the item should be added in the same place to simulate the equipment (Any simulated weight, add on pending list)	<table border="1" style="width: 100%;"> <thead> <tr> <th>EQUIPMENT DESCRIPTION</th> <th>WEIGHT (kg)</th> </tr> </thead> <tbody> <tr> <td>Drivers seat</td> <td>60kg</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	EQUIPMENT DESCRIPTION	WEIGHT (kg)	Drivers seat	60kg					✓		<i>Blanco</i> 01/07-24
EQUIPMENT DESCRIPTION	WEIGHT (kg)													
Drivers seat	60kg													
06		The pressure difference between air spring on each bogie when raise the pressure was maintained < 0.3 bar.		✓		<i>Blanco</i> 01/07-24								
07		Measurement recorded with empty suspension and loaded are on conformity with tolerances of the project		✓		<i>M...</i> 01/01/24								
08		All leveling measurements are according to the reference. (Values out of reference must be recorded on "Description of defects")		✓		<i>Blanco</i> 01/07/24								


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Item	Picture/Sketch	Description	Criteria/Record	Pass	Fail	Signature/Date
09		Check that the leveling rods are torqued and have torque marker.		✓		<i>[Signature]</i> 01/07/24
10		The difference of weight between the left and right wheels of each axis, must be ≤ 4%. (Verify on the T&C equipment if all arrows are in green).		✓		<i>[Signature]</i> 01.07.24
11		Remove the car, move back onto the load cells and repeat the step 09. Confirm if both are in the tolerance of ≤ 4%.		✓		<i>[Signature]</i> 01.07.24
12		1 - Record shims thickness used on rod 2 - All screws were torqued and have torque marker.	THICKNESS (mm) I 0 II 0 III 0 IV 0	✓		<i>[Signature]</i> 01/01/24
13		Pivot fixation	1- M20 x 90 screws with application of torque according to PRA.FT1140.04 / 05	✓		<i>[Signature]</i> 01.07.24
14		FOR TC CARS F = Height of the center of Automatic coupler F = 895mm (+5 / -10mm) (Using levelled rail)	TC CAB #1 = 880 mm	✓		<i>[Signature]</i> 01/01/24
15		FOR TC CARS Height of Eurobase Antenna = 205mm (+/-10mm) (Using levelled rail)	TC CAB #1 = 199 mm	✓		<i>[Signature]</i> 01/07/24
16		Check pantograph piping air tightness. Test performance according to WI PRA.FT1140.17.	The test was performed and no leak was observed -Roof piping connection fittings -Room piping connection fittings (Roof arch and door trimming)			N/A
17		Pantograph does not come in contact with the higher height gauge when passing through.	No Contact with Pantograph and Gauge -GO Contact with Pantograph and Gauge - NO GO			N/A
18		Car does not come into contact with the gauge.	No Contact with Car and Gauge -GO Contact with Car and Gauge - NO GO	✓		<i>[Signature]</i> 01.07.24

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SELF INSPECTION INDUSTRIAL QUALITY

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Projct:
PRASA

SI.FT1140.52

DRAFT TO MEASUREMENTS DURING LEVELLING (ALL UNITS MUST BE IN mm/bar/kg)

DESCRIPTION	TOLERANCE	LEFT SIDE						RIGHT SIDE							
		6	5	4	3	2	1	1	2	3	4	5	6		
AIR SPRING HEIGHT (EMPTY)	N/A	A ^{II}													A ^I
AIR SPRING HEIGHT (FULL)	min 254 max 261	A ^{II}					256 252	252 255							A ^I
FLOOR COVERING HEIGHT	min 1096 max 1116	E ^{II}													E ^I
AIR SPRING PRESSURE	≤ 0.3 (Ci - C)	C ^{II}					2.61 3.44	2.64 3.58							C ^I
PRIMARY SUSPENSION	SEE TABLE (ONLY REF)	D ³													D ¹
PRIMARY SUSPENSION	SEE TABLE (ONLY REF)	D ⁴													D ²
PIVOT VERTICAL GAP	min 75 max 32	K ^{II}													K ^I
PIVOT LATERAL STOP GAPS DIFFERENCE	≤ 4 (A ^I - A ^{II})	J ^{II}													J ^I
QTY OF TURNS OF LEVELLING ROD	N/A	X ^{II}					11	11							X ^I
SHIMS OF ANTI-ROLL BAR	N/A	Y ^{II}													Y ^I
DESCRIPTION	TOLERANCE	6	5	4	3	2	1	1	2	3	4	5	6		
AIR SPRING HEIGHT (EMPTY)	N/A	A ^{III}													A ^{IV}
AIR SPRING HEIGHT (FULL)	min 254 max 261	A ^{III}					258 257	253 255							A ^{IV}
FLOOR COVERING HEIGHT	min 1096 max 1116	E ^{III}													E ^{IV}
AIR SPRING PRESSURE	≤ 0.3 (Cv - Cv)	C ^{III}					2.83 2.95	2.72 2.84							C ^{IV}
PRIMARY SUSPENSION	SEE TABLE (ONLY REF)	D ⁵													D ⁷
PRIMARY SUSPENSION	SEE TABLE (ONLY REF)	D ⁶													D ⁸
PIVOT VERTICAL GAP	min 25 max 32	K ^{III}													K ^{IV}
PIVOT LATERAL STOP GAPS DIFFERENCE	≤ 4 (Av - Av)	J ^{III}													J ^{IV}
QTY OF TURNS OF LEVELLING ROD	N/A	X ^{III}					11	11							X ^{IV}
SHIMS OF ANTI-ROLL BAR	N/A	Y ^{III}													Y ^{IV}

COMPARE EACH TENTATIVE WITH THE TOLERANCE AND IDENTIFY EACH MEASURE AS BELOW

GOOD	LOWER	HIGHER
✓	↓	↑

WEIGHT COMPENSATION

EQUIPMENT	
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WEIGHT	
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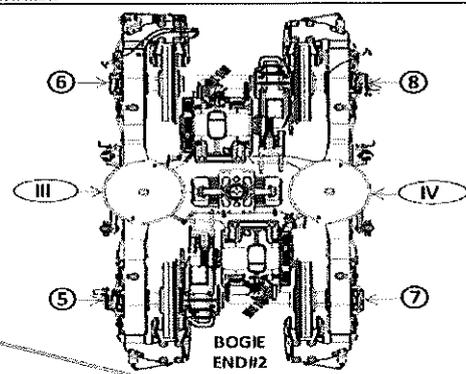
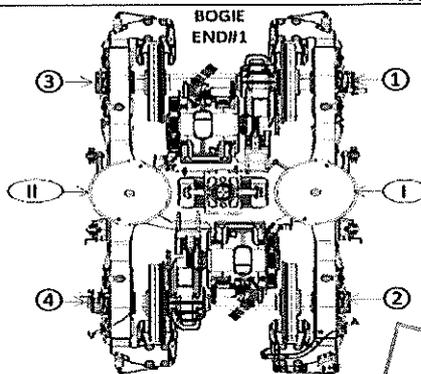
EQUIPMENT	
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WEIGHT	
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SECONDARY MEASUREMENTS (ONLY TO CARS)

AUTOMATIC COUPLER HEIGHT	
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ANTENNA HEIGHT	
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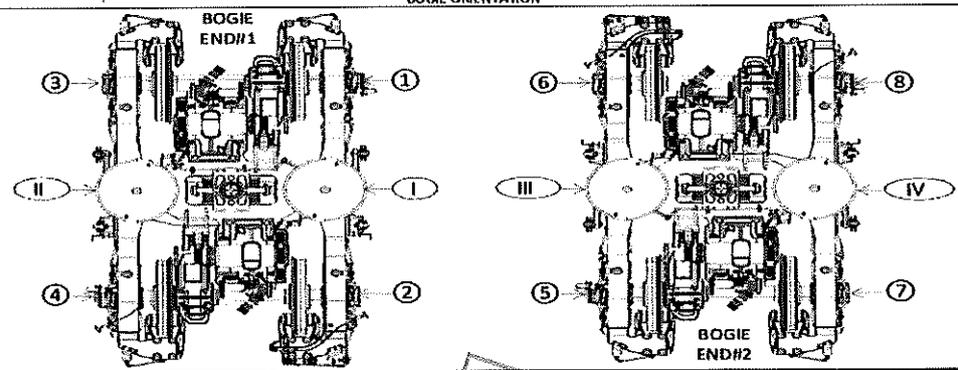
SI.FT1140.52

DRAFT TO MEASUREMENTS DURING LEVELLING (ALL UNITS MUST BE IN mm/bar/kg)

DESCRIPTION	TOLERANCE	LEFT SIDE						RIGHT SIDE						
		6	5	4	3	2	1	1	2	3	4	5	6	
AIR SPRING HEIGHT (EMPTY)	N/A	A'ii												A'i
AIR SPRING HEIGHT (FULL)	min 254 max 261	Aii												Ai
FLOOR COVERING HEIGHT	min 1096 max 1116	Eii												Ei
AIR SPRING PRESSURE	≤ 0.3 (Ci - C)	Cii												Ci
PRIMARY SUSPENSION	SEE TABLE (ONLY REF)	D3												D1
PRIMARY SUSPENSION	SEE TABLE (ONLY REF)	D4												D2
PIVOT VERTICAL GAP	min 25 max 32	Kii												Ki
PIVOT LATERAL STOP GAPS DIFFERENCE	≤ 4 (Ai - A)	Jii												Ji
QTY OF TURNS OF LEVELLING ROD	N/A	Xii												Xi
SHIMS OF ANTI-ROLL BAR	N/A	Yii												Yi
DESCRIPTION	TOLERANCE	6	5	4	3	2	1	1	2	3	4	5	6	
AIR SPRING HEIGHT (EMPTY)	N/A	A'iii												A'iv
AIR SPRING HEIGHT (FULL)	min 254 max 261	Aiii												Aiv
FLOOR COVERING HEIGHT	min 1096 max 1116	Eiii												Eiv
AIR SPRING PRESSURE	≤ 0.3 (Civ - Ca)	Ciii												Civ
PRIMARY SUSPENSION	SEE TABLE (ONLY REF)	D5												D7
PRIMARY SUSPENSION	SEE TABLE (ONLY REF)	D6												D8
PIVOT VERTICAL GAP	min 25 max 32	Kiii												Kiv
PIVOT LATERAL STOP GAPS DIFFERENCE	≤ 4 (Aiv - Av)	Jiii												Jiv
QTY OF TURNS OF LEVELLING ROD	N/A	Xiii												Xiv
SHIMS OF ANTI-ROLL BAR	N/A	Yiii												Yiv

COMPARE EACH TENTATIVE WITH THE TOLERANCE AND IDENTIFY EACH MEASURE AS BELOW

GOOD	LOWER	HIGHER
✓	↓	↑
WEIGHT COMPENSATION		
EQUIPMENT		
WEIGHT		
EQUIPMENT		
WEIGHT		
SECONDARY MEASUREMENTS (ONLY TC CARS)		
AUTOMATIC COUPLER HEIGHT		
ANTENNA HEIGHT		



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PRASA

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Table 1 - Reference Values and Measurement Tolerances for the Car Levelling.

ITEM	THEORETICAL VALUES														
	TCL CAR		M4 CAR		M3 CAR		M2 CAR		M1 CAR		M3 CAR		TCL CAR		
	TBext	TBint	MB3	MB1	MB3	MB1	MB2	MB1	MB2	MB1	MB2	MB1	MB2	TBext	TBint
Pivot lateral stop gap difference [mm]	Fig. 4	≤4	≤4	≤4	≤4	≤4	≤4	≤4	≤4	≤4	≤4	≤4	≤4	≤4	≤4
Air Spring height [mm]	Fig. 5	255 ⁺⁰ ₋₁													
Air spring pressure at AWO [Bar]	Fig. 5	3,76 (Ref.)	2,82 (Ref.)	2,87 (Ref.)	2,83 (Ref.)	3,02 (Ref.)	2,91 (Ref.)	3,07 (Ref.)	2,85 (Ref.)	2,88 (Ref.)	2,87 (Ref.)	2,83 (Ref.)	2,83 (Ref.)	2,83 (Ref.)	3,76 (Ref.)
Primary Suspension gaps [mm]	Fig. 6	35 ⁺⁰ ₋₁													
Carbody Floor height [mm]	Fig. 7	1106 ⁺⁰ ₋₁₀													
Booster height [mm]	Fig. 7	850 ⁺⁰ ₋₅													
Coupling End height [mm]	Fig. 8	760 (Ref.)													
Pivot Vertical gap [mm]	Fig. 10	30 ⁺⁰ ₋₅													

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Leveling report from Production (Final measurements after Levelling and Weighting fine)

References for secondary suspension empty

A'n Air spring height empty

References for secondary suspension full

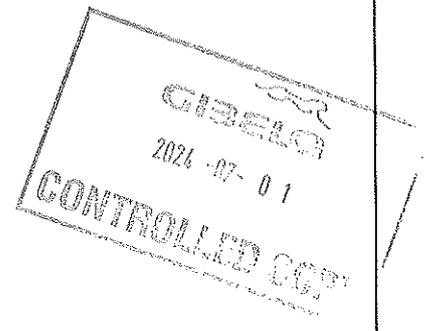
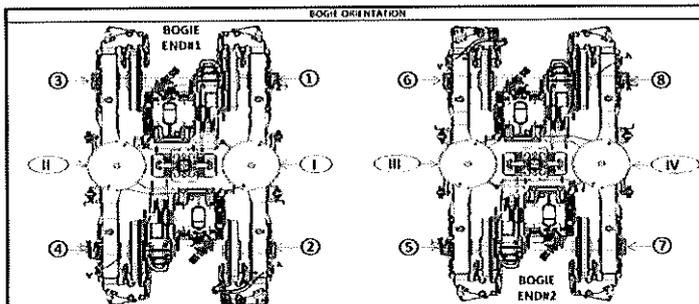
- An Air spring height
- Bn Difference between measurement A'n and An
- En Floor covering height
- Cn Air spring pressure
- Dn Primary suspension
- Kn Pivot Vertical gap
- Jn Pivot Lateral stop gaps difference

Item	Reference [mm]	END#1		END#2	
		Right Side	Left Side	Left Side	Right Side
A'n	N/A	A'i 236	A'n 235	A'ii 240	A'iv 239
An	254 to 261	Ai 257	As 256	Aii 258	Aiv 256
Bn = An - A'n	N/A	Bi 21	Bn 21	Bii 18	Biv 17
En	1105 ±10 mm	Ei 1116	Eii 1107	Eiv 1111	Evi 1111
Item	Reference [bar]	END#1		END#2	
Cn	Table 02 (*)	Ci 3.55	Cii 3.58	Civ 2.86	Cvi 2.80
Cn - Cn+1	Difference ≤ 0,3	Ci - Cii 0,03		Civ - Cvi 0,06	
Gauge serial number	N/A	91B05873	91B05873	91B05823	91B05873
Item	Reference [mm]	END#1		END#2	
Dn	Table 01 (*)	D1 42.49	D2 42.84	D3 43.74	D4 43.97
		D2 42.59	D4 42.11	D5 43.57	D7 44.02
Kn	25 to 45	Ki 31.91		Kii 34.65	
Jn	Difference ≤ 4	Ji 25.24	Jii 24.65	Jiv 25.91	Jvi 24.55

(*) Reference, only include values, isn't approval criteria.

Table 01 D Theoretical Values	TC1		M4		M1		M2		M3		TC2	
	Tbex	Tbin	Mb1	Mb1	Mb1	Mb2	Mb1	Mb1	Mb1	Mb1	Tbin	Tbex
D=	35^{+12}_{-5}	35^{+12}_{-5}	35^{+12}_{-5}	35^{+12}_{-5}	35^{+12}_{-5}	35^{+12}_{-5}	35^{+12}_{-5}	35^{+12}_{-5}	35^{+12}_{-5}	35^{+12}_{-5}	35^{+12}_{-5}	35^{+12}_{-5}

Table 02 C Theoretical Values	TC1		M4		M1		M2		M3		TC2	
	Tbex	Tbin	Mb1	Mb1	Mb1	Mb2	Mb1	Mb1	Mb1	Mb1	Tbin	Tbex
C=	3.76	2.82	2.87	2.83	3.02	2.91	3.07	2.85	2.83	2.87	2.83	3.76



Weighting report from Test and Commissioning (Final measurements after Levelling and Weighting fine)

Gibela Rail Transport Consortium RF (Pty)

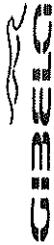
Ltd

2 Shosholozza Avenue

Dunnettar X7

Ekurhuleni, 1590, South Africa

Reception: +27 (0)11 600 0651



TRAIN SET 233	REF: GIB000001672_ID_PRASA_WEIGHT_BALANCE_EN
	PCBB WEIGHING REPORT

	Front Bogie [Tons]	Rear Bogie [Tons]	Longitudinal Imbalance [%]	Criteria Longitudinal Imbalance ≤ 10%
Balance across front and rear bogies	18.82	15.33	10.22%	
	Weight Measured [Tons]	Weight Predicted [Tons]	Weight Difference [%]	Criteria Min:Diff:Max
Weight Measured vs Predicted	34.15	34.42	0.80%	1.62% PASS

Name		Test/Inspector	
J.Pato MUSA	Signature	EOS	Date
Company	Department	EOS	03/07/2024
Gibela			

Company Gibela	Name of the requester Joshua Nemanashe	Function PME	Date 7 May 2024	Visa 	Request N° PRASA-DERSU-1096																																										
			Plant Country Gibela South Africa																																												
Project PRASA PROJECT			Customer PRASA																																												
Product name Reference TS161 to TS210 TC1,M4,M1,M2,M3,TC2			Drawing number and Revision DT00000207673																																												
Temporary <input checked="" type="checkbox"/> Until : TS161 to TS210	Quantity : 80 Train sets	Serial Numbers / Batch: TS211 to TS290		Permanent <input type="checkbox"/>																																											
<p>Requirement: According to GIB000001672 prasa weight balance EN . TC1/TC2:The weighing report specification requires the weight difference (weight measured vs predicted weight) tolerance to be 1.62%. M1/M2:The weighing report specification requires the weight difference (weight measured vs predicted weight) tolerance to be 1.37%. M3/M4:The weighing report specification requires the weight difference (weight measured vs predicted weight) tolerance to be 1.36%.</p> <p>Non-conformity description: The average weights measured from TS120 up to 162 has shown a deviation from the acceptance criteria. However, after discussions with BARRABES-PRADAL Daniel an additional 0,5% deviation from the acceptance criteria will not have an impact. Should we had this to the acceptance tolerance then all the cars will pass. "these trains are equivalent in terms of mass (we have seen a gap around 0,5)"</p> <p>See below min and max weight measured for TS120-162 and the average tolerances (We expect the same deviation for the next 80 train sets):</p> <table border="1" data-bbox="180 1052 534 1473"> <thead> <tr> <th></th> <th>Min</th> <th>Max</th> </tr> </thead> <tbody> <tr> <td>TC2</td> <td>33.9</td> <td>34.6</td> </tr> <tr> <td>M3</td> <td>35.4</td> <td>35.9</td> </tr> <tr> <td>M2</td> <td>36</td> <td>37.1</td> </tr> <tr> <td>M1</td> <td>36.6</td> <td>37</td> </tr> <tr> <td>M4</td> <td>35.3</td> <td>36.6</td> </tr> <tr> <td>TC1</td> <td>33.9</td> <td>34.4</td> </tr> </tbody> </table>					Min	Max	TC2	33.9	34.6	M3	35.4	35.9	M2	36	37.1	M1	36.6	37	M4	35.3	36.6	TC1	33.9	34.4	<p>Anteriority:</p> <p>Impact on:</p> <ul style="list-style-type: none"> Environment..... <input type="checkbox"/> Safety (people)..... <input type="checkbox"/> Contract clauses..... <input type="checkbox"/> Economic..... <input type="checkbox"/> Development.. <input type="checkbox"/> Product Safety..... <input type="checkbox"/> Reliability..... <input type="checkbox"/> Performances..... <input checked="" type="checkbox"/> Delivery..... <input type="checkbox"/> Cost..... <input type="checkbox"/> Documentation..... <input type="checkbox"/> Resources..... <input type="checkbox"/> Others..... <input type="checkbox"/> 																						
	Min	Max																																													
TC2	33.9	34.6																																													
M3	35.4	35.9																																													
M2	36	37.1																																													
M1	36.6	37																																													
M4	35.3	36.6																																													
TC1	33.9	34.4																																													
<table border="1" data-bbox="180 1500 1093 1848"> <thead> <tr> <th></th> <th>Weight Measured vs Predicted</th> <th>Weight Measured (Tons)</th> <th>Weight Predicted (Tons)</th> <th>Weight Difference (%)</th> <th>Tolerance (%)</th> </tr> </thead> <tbody> <tr> <td>TC2</td> <td></td> <td>34.12</td> <td>34.45</td> <td>0.99%</td> <td>1.62%</td> </tr> <tr> <td>M3</td> <td></td> <td>35.67</td> <td>35.90</td> <td>0.65%</td> <td>1.36%</td> </tr> <tr> <td>M2</td> <td></td> <td>36.53</td> <td>37.06</td> <td>1.42%</td> <td>1.37%</td> </tr> <tr> <td>M1</td> <td></td> <td>36.69</td> <td>36.97</td> <td>0.92%</td> <td>1.36%</td> </tr> <tr> <td>M4</td> <td></td> <td>35.69</td> <td>35.95</td> <td>0.75%</td> <td>1.36%</td> </tr> <tr> <td>TC1</td> <td></td> <td>34.09</td> <td>34.42</td> <td>0.96%</td> <td>1.62%</td> </tr> </tbody> </table>							Weight Measured vs Predicted	Weight Measured (Tons)	Weight Predicted (Tons)	Weight Difference (%)	Tolerance (%)	TC2		34.12	34.45	0.99%	1.62%	M3		35.67	35.90	0.65%	1.36%	M2		36.53	37.06	1.42%	1.37%	M1		36.69	36.97	0.92%	1.36%	M4		35.69	35.95	0.75%	1.36%	TC1		34.09	34.42	0.96%	1.62%
	Weight Measured vs Predicted	Weight Measured (Tons)	Weight Predicted (Tons)	Weight Difference (%)	Tolerance (%)																																										
TC2		34.12	34.45	0.99%	1.62%																																										
M3		35.67	35.90	0.65%	1.36%																																										
M2		36.53	37.06	1.42%	1.37%																																										
M1		36.69	36.97	0.92%	1.36%																																										
M4		35.69	35.95	0.75%	1.36%																																										
TC1		34.09	34.42	0.96%	1.62%																																										

Cause of the non-conformity / reasons for request: Weight balance document was revised from J to K by engineering and the following was removed from the weight calculations: -Main Reservoir Tank Removal -Brake Reservoir Resizing -CPU bloc is combined with the screen - Closure of Air Extractor Opening						
Attached documents: REF: GIB000001672_KO PRASA WEIGHT BALANCE EN report  RE TS Weight is failing .msg						
Containment action: Each train is evaluated by engineering and based on risk it will be approved or declined. A new version of GIB000001672 will be created to align the sub system actual weight with the theoretical weight which will reduce the error percentage.			Use or assignment limitations of the non-conforming product:			
Corrective & Preventive action: Engineering to revise car weights per baseline.						
Function	Entity	Name	Date	Visa	Observations / Conditions	Decision
Process Manufacturing Engineering	GIB	Junior MAGADA	14/05/2024	<i>JFK</i>		<input checked="" type="checkbox"/> OK <input type="checkbox"/> NOK
Train System Engineering	GIB	Mpho LELALA-MNGUNI		<i>Seleb-mnguni</i>		<input checked="" type="checkbox"/> OK <input type="checkbox"/> NOK
Industrial Quality	GIB	Lucy MAKOFANE	14/05/2024	<i>Lucy</i>		<input checked="" type="checkbox"/> OK <input type="checkbox"/> NOK
Project Engineering Manager	GIB	Tshepo NKODI	15/05/2024	<i>Tshepo</i>		<input checked="" type="checkbox"/> OK <input type="checkbox"/> NOK
Project Quality Safety Manager	GIB	Solani MALIBONGWE	16/05/2024	<i>R.M.C. Mphuthi</i> pp. Reitumetseng Mphuthi		<input checked="" type="checkbox"/> OK <input type="checkbox"/> NOK
Project Manager	GIB	Devendran GOVENDER	17/05/2024	<i>Govender</i>	Engineering to update the test procedure with new targets	<input checked="" type="checkbox"/> OK <input type="checkbox"/> NOK