Gibela Rail Transport Consortium RF (Pty) Ltd
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Dunnottar X7
Ekurhuleni, 1590, South Africa
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TRAIN SET 230	REF: GIB0000001672_K0 PRASA WEIGHT BALANCE EN
	PC10 WEIGHING REPORT

TC2	Balance across front and rear bogies	Front Bogie [Tons]	Rear Bogie [Tons]	Longitudinal Imbalance [%]	Criteria Longitudinal Imbalance ≤ 10%	
		18.60	15.49	9.12%	PASS	
	Weight Mesured vs Predicted	Weight Mesured [Tons]	Weight Predicted [Tons]	Weight Difference [%]	Tolerance [%]	Criteria MinsDiffsMax
		34.09	34.42	0.97%	1.62%	PASS
M3	Balance across front and rear bogies	Front Bogie [Tons]	Rear Bogie [Tons]	Longitudinal Imbalance [%]	Criteria Longitudinal Imbalance ≤ 3%	
		17.88	17.79	0.25%	PASS	
	Weight Mesured vs Predicted	Weight Mesure+E30J32d [Tons]	Weight Predicted [Tons]	Weight Difference [%]	Tolerance [%]	Criteria MinsDiffsMax
		35.67	35.90	0.64%	1.36%	PASS
M2	Balance across front and rear bogies	Front Bogie [Tons]	Rear Bogie [Tons]	Longitudinal Imbalance [%]	Criteria Longitudinal Imbalance ≤ 3%	
		18.77	17.96	2.21%	PASS	
	Weight Mesured vs Predicted	Weight Mesured [Tons]	Weight Predicted [Tons]	Weight Difference [%]	Tolerance [%]	Criteria MinsDiffsMax
		36.73	37.06	0.90%	1.37%	PASS
M1	Balance across front and rear bogies	Front Bogie [Tons]	Rear Bogie [Tons]	Longitudinal Imbalance [%]	Criteria Longitudinal Imbalance ≤ 3%	
		18.67	18.03	1.74%	PASS	
	Weight Mesured vs Predicted	Weight Mesured [Tons]	Weight Predicted [Tons]	Weight Difference [%]	Tolerance [%]	Criteria MinsDiffsMax
		36.70	36.87	0.45%	1.37%	PASS
M4	Balance across front and rear bogies	Front Bogie [Tons]	Rear Bogie [Tons]	Longitudinal Imbalance [%]	Criteria Longitudinal Imbalance ≤ 3%	
		17.85	17.88	0.08%	PASS	
	Weight Mesured vs Predicted	Weight Mesured [Tons]	Weight Predicted [Tons]	Weight Difference [%]	Tolerance [%]	Criteria MinsDiffsMax
		35.73	35.95	0.61%	1.36%	PASS
TC1	Balance across front and rear bogies	Front Bogie [Tons]	Rear Bogie [Tons]	Longitudinal Imbalance [%]	Criteria Longitudinal Imbalance ≤ 10%	
		18.62	15.48	9.21%	PASS	
	Weight Mesured vs Predicted	Weight Mesured [Tons]	Weight Predicted [Tons]	Weight Difference [%]	Tolerance [%]	Criteria MinsDiffsMax
		34.10	34.42	0.94%	1.62%	PASS

TOTAL TRAIN	Measured Weight	Predicted Weight	Criteria Measured Weight < Predicted Weight
	213.02	215.9726	Pass

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Test Approval				
Name	Department	Designation	Signature	Date
[illegible]	End of cycle	End of cycle EPU manager	[illegible]	20/06/2024