

GIBELTA

Gibela Rail Transport Consortium (Pty) Ltd
2 Shekela Avenue
Dunottar XT
Ekurhuleni, 1590, South Africa
Reception: +27 (0)10 690 9651

TRAIN SET 213

REF: GIB0000001672_20 PASS: WEIGHT BALANCE EN
KCALD WEIGHING REPORT

TC2	Front bogie (Tons)		Rear bogie (Tons)		Longitudinal imbalance (%)		Criteria longitudinal imbalance ≤ 10%	
	Balance across front and rear bogies	18.56	15.57	8.76%			PASS	
	Weight Measured (Tons)		Weight Predicted (Tons)		Weight Difference (%)		Tolerance (%)	
	Weight Measured vs Predicted	34.13	34.46	0.96%			1.63%	PASS

M3	Front bogie (Tons)		Rear bogie (Tons)		Longitudinal imbalance (%)		Criteria longitudinal imbalance ≤ 3%	
	Balance across front and rear bogies	17.87	17.33	0.17%			PASS	
	Weight Measured (Tons)		Weight Predicted (Tons)		Weight Difference (%)		Tolerance (%)	
	Weight Measured vs Predicted	35.80	35.50	0.28%			1.86%	PASS

M2	Front bogie (Tons)		Rear bogie (Tons)		Longitudinal imbalance (%)		Criteria longitudinal imbalance ≤ 3%	
	Balance across front and rear bogies	18.69	17.96	1.99%			PASS	
	Weight Measured (Tons)		Weight Predicted (Tons)		Weight Difference (%)		Tolerance (%)	
	Weight Measured vs Predicted	36.65	37.06	1.11%			1.37%	PASS

M1	Front bogie (Tons)		Rear bogie (Tons)		Longitudinal imbalance (%)		Criteria longitudinal imbalance ≤ 3%	
	Balance across front and rear bogies	18.65	18.20	1.32%			PASS	
	Weight Measured (Tons)		Weight Predicted (Tons)		Weight Difference (%)		Tolerance (%)	
	Weight Measured vs Predicted	36.85	36.87	0.04%			1.37%	PASS

M4	Front bogie (Tons)		Rear bogie (Tons)		Longitudinal imbalance (%)		Criteria longitudinal imbalance ≤ 3%	
	Balance across front and rear bogies	17.90	17.91	0.03%			PASS	
	Weight Measured (Tons)		Weight Predicted (Tons)		Weight Difference (%)		Tolerance (%)	
	Weight Measured vs Predicted	35.81	35.95	0.39%			1.36%	PASS

TCL	Front bogie (Tons)		Rear bogie (Tons)		Longitudinal imbalance (%)		Criteria longitudinal imbalance ≤ 10%	
	Balance across front and rear bogies	18.39	15.67	8.52%			PASS	
	Weight Measured (Tons)		Weight Predicted (Tons)		Weight Difference (%)		Tolerance (%)	
	Weight Measured vs Predicted	34.26	34.42	0.48%			1.62%	PASS

TOTAL TRAIN	Measured Weight	218.50	Predicted Weight	215.9728	Pass	18
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Name	Department	Designation	Signature	Date
FhuS	End of cycle	End of cycle EPU manager		18/03/2024