

GIBELCO

Gibela Rail Transport Consortium (Pty) Ltd
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TRAIN SET 232

REF: GIBCOX0001572_10_20235 WEIGHT BALANCE BT
PCO WEIGHING REPORT

TC2	Balance across front and rear bogies		Longitudinal Imbalance (%)		Criteria Longitudinal Imbalance < 10%	
	Weight Measured (Ton)	Weight Predicted (Ton)	Weight Difference (%)	Tolerance (%)	Criteria Min/Max	Criteria Min/Max
	18.49	15.61	6.45%		PASS	
	Weight Measured vs Predicted	34.10	34.42	0.94%	1.62%	PASS

M3	Balance across front and rear bogies		Longitudinal Imbalance (%)		Criteria Longitudinal Imbalance < 3%	
	Weight Measured (Ton)	Weight Predicted (Ton)	Weight Difference (%)	Tolerance (%)	Criteria Min/Max	Criteria Min/Max
	17.80	17.89	0.25%		PASS	
	Weight Measured vs Predicted	35.69	35.50	0.58%	1.39%	PASS


M2	Balance across front and rear bogies		Longitudinal Imbalance (%)		Criteria Longitudinal Imbalance < 3%	
	Weight Measured (Ton)	Weight Predicted (Ton)	Weight Difference (%)	Tolerance (%)	Criteria Min/Max	Criteria Min/Max
	18.66	17.94	1.97%		PASS	
	Weight Measured vs Predicted	36.60	37.06	1.25%	1.37%	PASS

M1	Balance across front and rear bogies		Longitudinal Imbalance (%)		Criteria Longitudinal Imbalance < 3%	
	Weight Measured (Ton)	Weight Predicted (Ton)	Weight Difference (%)	Tolerance (%)	Criteria Min/Max	Criteria Min/Max
	18.58	18.08	1.35%		PASS	
	Weight Measured vs Predicted	36.66	36.87	0.56%	1.37%	PASS

M4	Balance across front and rear bogies		Longitudinal Imbalance (%)		Criteria Longitudinal Imbalance < 3%	
	Weight Measured (Ton)	Weight Predicted (Ton)	Weight Difference (%)	Tolerance (%)	Criteria Min/Max	Criteria Min/Max
	17.81	17.81	0.00%		PASS	
	Weight Measured vs Predicted	35.62	35.05	0.92%	1.39%	PASS

TC1	Balance across front and rear bogies		Longitudinal Imbalance (%)		Criteria Longitudinal Imbalance < 10%	
	Weight Measured (Ton)	Weight Predicted (Ton)	Weight Difference (%)	Tolerance (%)	Criteria Min/Max	Criteria Min/Max
	18.51	15.56	8.66%		PASS	
	Weight Measured vs Predicted	34.07	34.42	1.03%	1.62%	PASS

TOTAL TRAIN	Measured Weight	Predicted Weight	Criteria Measured Weight < Predicted Weight	18
	212.74	215.9726	PASS	

Name	Department	Designation	Signature	Date
Puleng Zwane				28/06/2024
	End of cycle	End of cycle EPU number		