



Gibela Rail Transport Consortium (Pty) Ltd
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TRAIN SET 208	
REF: GIB000001672, RD PRASA WEIGHT BALANCE EN	
PCID WEIGHING REPORT	

TC2	Balance across front and rear bogies	Front Bogie (Tons)	Rear Bogie (Tons)	Longitudinal Imbalance (%)	Criteria Longitudinal Imbalance < 10%
		18.56	15.59	8.70%	PASS
	Weight Measured vs Predicted	Weight Measured (Tons)	Weight Predicted (Tons)	Tolerance (%)	Criteria Min Diff Max PASS
		34.15	34.42	0.80%	1.62%

M3	Balance across front and rear bogies	Front Bogie (Tons)	Rear Bogie (Tons)	Longitudinal Imbalance (%)	Criteria Longitudinal Imbalance < 10%
		17.49	17.90	0.03%	PASS
	Weight Measured vs Predicted	Weight Measured (Tons)	Weight Predicted (Tons)	Tolerance (%)	Criteria Min Diff Max PASS
		35.79	35.80	0.03%	1.38%

M2	Balance across front and rear bogies	Front Bogie (Tons)	Rear Bogie (Tons)	Longitudinal Imbalance (%)	Criteria Longitudinal Imbalance < 10%
		18.84	17.90	2.56%	PASS
	Weight Measured vs Predicted	Weight Measured (Tons)	Weight Predicted (Tons)	Tolerance (%)	Criteria Min Diff Max PASS
		36.74	37.06	0.87%	1.37%

M1	Balance across front and rear bogies	Front Bogie (Tons)	Rear Bogie (Tons)	Longitudinal Imbalance (%)	Criteria Longitudinal Imbalance < 10%
		18.62	18.10	1.42%	PASS
	Weight Measured vs Predicted	Weight Measured (Tons)	Weight Predicted (Tons)	Tolerance (%)	Criteria Min Diff Max PASS
		36.72	36.87	0.39%	1.37%

M4	Balance across front and rear bogies	Front Bogie (Tons)	Rear Bogie (Tons)	Longitudinal Imbalance (%)	Criteria Longitudinal Imbalance < 10%
		17.76	17.85	0.25%	PASS
	Weight Measured vs Predicted	Weight Measured (Tons)	Weight Predicted (Tons)	Tolerance (%)	Criteria Min Diff Max PASS
		35.61	35.95	0.95%	1.38%

TC1	Balance across front and rear bogies	Front Bogie (Tons)	Rear Bogie (Tons)	Longitudinal Imbalance (%)	Criteria Longitudinal Imbalance < 10%
		18.57	15.62	8.63%	PASS
	Weight Measured vs Predicted	Weight Measured (Tons)	Weight Predicted (Tons)	Tolerance (%)	Criteria Min Diff Max PASS
		34.19	34.42	0.68%	1.62%

TOTAL TRAIN	Measured Weight	213.20	Predicted Weight	215.9726	PASS
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Signature	End of cycle	End of cycle CPU manager	Date
			24/02/2024