

Item 535 - Trolley Buses

Listed from top of file, in order found. Letters generally to/from MMTB Chief Engineer.

Date	Type	Notes
18/11/22	Letter to Metro Vickers from Chief Engineer re Railless trams	
12/1/23	Letter to Aust GE re railless trams	Not likely to proceed at this time.
11/1/23	Letter from Aust GE Co. providing photographs, drawings, BTH, pamphlets, and general information.	Includes photo of Tee-side trolley bus No. 17. No other papers with this item.
6/9/22	Letter to Aust. GE asked for particulars and drawings of motor omnibuses	These three items pinned together.
5/9/22	Letter to Chief Engineer from Aust. GE provided up to date figures on BTH Railless vehicles.	These three items pinned together.
31/8/22	Letter to Aust GE returning folded of data in relation to petrol and petrol electric cars.	These three items pinned together.
24/10/1922	Letter to Heap & Digby, thanks for information, but unlikely to use trolley buses due to poor road conditions where they could be used in terms of revenue.	
14/9/1922	Letter from Heap & Digby, inclosing photos of Railless Ltd vehicles supplied to Bloemfontein South Africa and testing.	These two items clipped together with drawing No. SK 14-8, showing Mexborough gradients.
28/8/22	Letter from AEC to Heap & Digby re trolley buses, construction costs and practicality of shipping these to Aust. Includes the Mexborough test results.	These two items clipped together with drawing No. SK 14-8, showing Mexborough gradients.
3/8/1922 to 31/10/22	Correspondence between MMTB and H&D regarding the Bloemfontein vehicles.	Pinned together.
17/11/22	Letter from Metro Vickers to MMTB providing details (no photos or drawings) of trolley buses – four pages.	
18/1/23	Letter to H&D thanking him for information and a paper ready by a Mr. Munro.	
31/8/1922	Letter to Metro Vic – Melbourne asking whether Westinghouse had developed standard lines of motors for railless cars.	
4/10/22	Letter to Aust GE thanking for info.	
2/10/22	Letter from Aust GE providing two cuttings about railless vehicles in Birmingham and the cost of tram track construction.	

Papers Contained within a green strip of cloth

Date	Type	Notes
26/9/22	Letter from H&D providing info from EE	

	– Dick Kerr Preston works equipment used by Railless Ltd.	
	EE Specification for DK 26B Trackless trolley motors	
18/9/22	Letter from EE to H&D providing info on 20HP motors, 40HP, and other information.	
	Blueprint – drawing 2810 – DK 26 Motor	
	Performance curves for above motor	
	Blueprint – No. 1312D – controller diagram	
	Pamphlet – EE – tramcar Type D automatic circuit Breakers. Publication No. 230, dated 9/1920.	
	Ditto, Form A, drawings No 3565, 1/1/19.	
	Performance curves – blueprint – Type DK85A	
	Blueprint – 4449 – outline of controller DK, Type D, form B.	
	Blueprint – P2002M034 – DK85 Motor.	
	EE specification for Traction Motor DK85	Modified from a tram motor.
	EE blueprint P2102F021, traction control wiring for form D controller.	
	EE blueprint P2103F033 – outline of controller type SE1, form C and D.	
	EE blueprint P2102Z011 – wiring diagram for type SE1 form controller.	
	Performance curves for DK85A motor.	
	EE blueprint – P2102F025 – diagram of connections (wiring) for Type SE1, form D controller.	
	Blueprint – EE drawing – P2002M036 – DK85 motor with ball bearings.	

Single documents.

Date	Type	Notes
27/9/22	Letter to H&D acknowledging AEC Trackless trolley bus specification.	
15/8/22	Letter from H&D forwarding above specification	
	String bound book – AEC Railless Trolley Bus Specification – stamped 15/8/22	Scanned as a separate document.
4/9/22	Letter from Metro Vic. Melbourne advising that they have no information on Westinghouse Motors for use in railless cars, but seeking same.	

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Date	Type	Notes
7/8/36	Letter from TE Barnes – re Bremen Germany Steam Omnibus.	Three pages. On foolscap paper – rest quarto. Has been damaged.
3/2/1926	Letter from Bruce Henderson re transport in the Glen Eira Rd area – poor private bus.	
25/10/25	Letter to G. Higgins, regarding a paper he had presented and printed in Australian Municipal Journal about transport around Melbourne, predicted the demise of trams, trains. Notes Spencer St bridge.	Copy of paper is pinned with letters.
28/8/22	Copy of letter to H&D from AEC (see above)	Includes the Mexborough test gradient drawing.
Undated	Pamphlet from Railless Limited about Birmingham's new trolley buses.	
16/3/23	Extract from Electric Railway and Tramway Journal – wages of trolleybus drivers not getting paid extra in Bradford.	Two copies pinned together.
9/4/23	Letter from H&D re pamphlet exchange	You should have had it!
23/2/23	Letter to H&D asking for information.	Has a note re the Board's attitude towards motor buses.
28/8/22 to 24/23	Series of letters pinned together with L. de Koerneritz regard trolley buses and Paris.	Noted that the MMTB did not have the power to run trolley buses.
15/2/22 to 10/4/23	Series of letters pinned together with the Aust. GE regarding trolley buses and references to their operation in journals.	
10/1/23	Letter from H&D re request for information on driving gear of Railless Ltd. vehicles	
23/2/23	Letter to H&D re above.	
23/2/23	Sheet of paper on "Steads Review" paper – pamphlet not yet to hand.	
8/11/22 to 10/1/23	Series of letters with H&D pinned together asking for Railless driving gear – reluctant to provide.	
26/9/22	Letter from H&D, with copy of letter from English Electric enclosing materials regarding Trolley Bus equipment.	Note much of this material is the same as that in Reg Item 535 contained within the green cloth tape.
	Performance curves for DK 26B motor	
	Blueprint – 4449 – outline of controller DK, Type D, form B.	
	Specification for DK 26B trolley motor.	
	Blueprint – drawing 2810 – DK 26 Motor	
	Blueprint – No. 1312D – controller diagram	

	Pamphlet – EE – tramcar Type D automatic circuit Breakers. Publication No. 230, dated 9/1920.	
	Ditto, Form A, drawings No 3565, 1/1/19.	
	Performance curves for DK85A motor	
	Blueprint – P2002M034 – DK85 Motor.	
	EE specification for Traction Motor DK85	Modified from a tram motor.
	Blueprint – EE drawing – P2002M036 – DK85 motor with ball bearings.	
	EE blueprint P2102F021, traction control wiring for form D controller.	
	EE blueprint P2103F033 – outline of controller type SE1, form C and D.	
	EE blueprint P2102Z011 – wiring diagram for type SE1 form controller.	
	EE blueprint – P2102F025 – diagram of connections (wiring) for Type SE1, form D controller.	