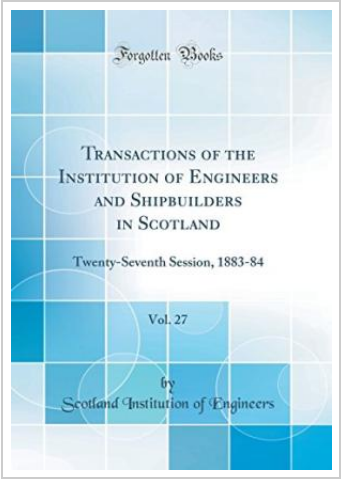


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# Transactions of the Institution of Engineers and Shipbuilders in Scotland, Vol. 27: Twenty-Seventh Session, 1883-84 (Classic Reprint) (Hardback)

By Scotland Institution of Engineers

Forgotten Books, 2017. Hardback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Transactions of the Institution of Engineers and Shipbuilders in Scotland, Vol. 27: Twenty-Seventh Session, 1883-84 I may state that a car was made at Hyde Park Locomotive Works for propulsion by compressed air, and when tried on the Sighthill Branch of the North British Railway, the reservoirs being charged with air at a pressure of 350 lbs. Per square inch, and the car being loaded with weights equal to 40 passengers, a distance of SI miles was run with one charge of air. Electric power has recently been applied for propulsion on rail ways. A tramway a mile and a half in length has been worked by electricity for two years in Berlin; and a narrow-gauge line, between Portrush and Bushmills, in the north of Ireland, six miles in length, and worked by electrical power, was Opened for traffic on the 28th September last. The line is single, and has a gauge of 3 feet. The gradients are very heavy, having a slope of 1 in 35 at many parts. The curves are very quick, following the line of the road. The...

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