

JOHN JAMES COWLEY, born on the 4th September, 1863, was the elder son of the late Mr. John Cowley, of the Grange, Kilsby. He was educated at Milton College and at King's College, London. During the years 1879-1884 he served articles with Messrs. Andrew Handyside and Co., engineers, Derby, and was trained in the works and drawing office of that firm. From 1884 to 1886 he was employed in London by Messrs. Matheson and Grant, and during 1886-87 by Messrs. John Lysaght and Co. From 1887 to 1889 he was engaged for various firms on the construction of Croxley Paper Mills, flood-works and bridges at Canterbury, an iron screw-pile pier on Loch Creran, and bridges on the Lancashire and Yorkshire Railway.

From 1889 to 1892 Mr. Cowley was on the staff of the Thames Ironworks and Shipbuilding Company, and was engaged in designing marine work, dock gates, caissons, pontoons, hydraulic and electrical machinery, pumping plant, bridges and buildings. From 1892 to 1894 he was on the engineering staff of the London and North-Western Railway Company at Crewe, engaged on the testing and renewal of bridges, on a survey of the River Mersey up to Garston Dock, and on a survey of Standedge Canal Tunnel. Mr. Cowley's experience of railway work was subsequently extended on his appointment as Assistant Resident Engineer to Mr. Edward Parry on the Leicester section of the Manchester, Sheffield and Lincolnshire Railway (now the Great Central) Extension to London. Desiring to qualify himself for municipal work, Mr. Cowley served for a time in the Borough Engineer's Department at Bournemouth, and subsequently in the Engineer and Surveyor's Department, Egremont, Cheshire, under the Wallasey Urban District Council.

Mr. Cowley died at Liscard, Cheshire, on the 3rd July, 1898, at the age of thirty-four. He was elected an Associate Member on the 4th February, 1896.

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RICHARD OLIVER GARDNER DRUMMOND, born on the 6th January, 1862, obtained his engineering training in the works of Messrs. Mather and Platt, at Salford, where he served his time from 1879 to 1882. He then went out to Cape Colony, and was engaged in the Locomotive Department of the Cape Government Railways. In 1884-1885 he acted as Electrician to the Port Elizabeth Exhibition, which was lighted by Messrs. Heenan and Froude, of