

was Engineer to the contractors for the main-line railway from Melbourne to Bendigo. He was next appointed Engineer of the Melbourne and Suburban, and Melbourne and Brighton railways, and on their completion took up work for the Victorian and Tasmanian Governments, until in 1867 he became Engineer-in-Chief of South Australia, which important position he held for 21 years, retiring from office in 1888. He was responsible for nearly 1,500 miles of railway, besides wharves and jetties, lighthouses, fortifications and roads, involving considerable expenditure of public money. In 1888 he returned to Melbourne and carried on an extensive private practice until 1912, when he retired to private life.

Mr. Mais was elected a Member of The Institution on the 2nd December, 1879. He took part in the formation of the Victorian Advisory Committee in 1890 and was a very active member, holding the position of Chairman for periods of 16 years in all.

ISAAC JOHN MANN, born in Dublin, 26th January, 1836, died at Orford, Suffolk, 13th January, 1917. After being educated at Trinity College, Dublin, he was engaged for a time on railway construction in Ireland and Wales. He was then for several years assistant engineer to the Dublin Port and Docks Board, during which time he gave special attention to the study of the formation of river bars.

In 1883 Mr. Mann became associated with Sir John Fowler in the construction of Rosslare Harbour, and on the completion of that work he was appointed resident engineer at the Fishguard Harbour Works. He retired from this position in 1903. He invented a machine for testing Portland cement, and also an instrument for ascertaining the specific gravity of that material.

He was elected a Member of The Institution 6th March, 1888.

THOMAS DE COURCY MEADE, City Surveyor of Manchester, died at Buxton on the 11th February, 1916. Born on the 14th November, 1852, at Bandon, County Cork, he was apprenticed to the County Surveyor, and subsequently obtained experience on the Cork and Bandon Railway. In 1877 he joined the staff of the late Colonel Haywood, then Engineer to the City of London, under whom he was engaged on drainage and housing work until 1880, when he was appointed Surveyor to the Hornsey Local Board. He retained this appointment until 1894, when he was selected for the office of City Surveyor of Manchester. During his long tenure of this office, he was associated with many important municipal undertakings, especially the main drainage scheme, which he designed and put into execution. He was also connected with town-planning schemes, street improvements, bridges and other structures, and until the appointment of a City Architect in 1902, he was also responsible for the architectural work of the