

and generous in disposition, and always ready to help those in need, and his loss was much regretted in Johannesburg.

Mr. Crawford was elected an Associate of the Institution on the 3rd May, 1870, and was subsequently placed in the class of Associate Members.

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FREDERICK DRESSER, born on the 4th June, 1843, was educated at Merchant Taylors' School and at Cheltenham College. He was apprenticed first to Messrs. Humphrys, Tennant and Co., of Deptford, and subsequently to the Greenock Foundry Company. After a voyage to the West Indies as engineer, he entered the Indian Public Works Department in March, 1868, and was employed on the Apollo Bunder, at Bombay, and on works at Carwar, as Assistant Engineer First-grade. When in England on leave in 1871 he married Jane, eldest daughter of Sir Thomas Brocklebank, Bart., who returned to India with him, but as he found that the climate there did not agree with his wife, he gave up his appointment, returned to England, and commenced business as a rice miller at Bixteth Street, Liverpool. On his business being acquired by Messrs. White, Tomkins and Courage he became Managing Director of the local branch of that firm, continuing as such until his death, which took place suddenly on the 31st of March, 1903.

Mr. Dresser was elected an Associate of the Institution on the 6th December, 1870, and was subsequently placed in the class of Associate Members.

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BARROW EMANUEL, M.A. (*Dublin*), died at his residence, 147 Harley Street, W., on the 14th February, 1904, aged 62. Born at Portsmouth on the 4th February, 1842, he served a pupilage to Mr. H. Wood, Superintending Civil Engineer of Portsmouth Dockyard, and was subsequently articled to Messrs. George Rennie and Sons, of Holland Street, Blackfriars. After graduating in arts at Trinity College, Dublin, he acted for two years as Chief Draughtsman to Messrs. Lewis and Stockwell, ship-builders and dry-dock owners, of Blackwall.

In 1867 he became a member of the firm of Davis and Emanuel, in which he was senior partner at the date of his death. During that period of thirty-seven years the firm carried out works at Southsea Pier and in connection with the Portsmouth Street Tramways, and were the architects of the City of London School, the London Hospital Convalescent Home at Felixstowe, the Yarrow Con-

valescent Home at Broadstairs, and Salisbury House, as well as of many other buildings in the City and in the West End. For many years Mr. Emanuel was the architect to the East End Dwellings Company. He was on the committee of many benevolent institutions, a member of the Jewish Board of Guardians, of the Loriners' Company, and of the Court of the Patten Makers' Company, a Justice of the Peace for Middlesex, and a well-known member at the Reform and Savage Clubs.

Mr. Emanuel was elected an Associate of the Institution on the 5th December, 1871, and was subsequently placed in the class of Associate Members.

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EUGENE KINNAIRD HASELDEN, born on the 30th March, 1845, was for some years employed at the Seville Gas Works under his father, Mr. Henry Haselden. In the year 1870, finding mining work more congenial to his taste, he went to Linares and for several years was Under Manager at the Collado del Lobo Mines. From Linares he went to La Carolina to undertake the management of the group of mines known as the Cura Mines; which under his direction were most successfully worked. He was also appointed Manager of the Culebrina Mines, which at the time were in difficulties; these he overcame, and placed the mines in a very favourable position. He was also at the time of his death, which took place at La Carolina on the 19th January, 1904, Joint Manager with his brother, Mr. Arthur Haselden, of the Centenillo Silver Lead Mines Company.

He was elected an Associate Member of the Institution on the 1st February, 1898.

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JOHN DAVY POSTLE died at his residence, Glebe Point, Sydney, New South Wales, on the 17th November, 1903. Born on the 1st December, 1839, he received his early training in the locomotive works of Messrs. Robert Stephenson and Company, and in 1860 emigrated to Australia, where for some years he was engaged in mining work and in the design and construction of refrigerating machinery. In 1878 he joined the Roads and Bridges Branch of the Public Works Department of New South Wales, and in the following year was appointed Roads Superintendent at Bourke in the Western District. In 1882 he was transferred to Bega in the south as Roads Superintendent, and in 1891 was appointed Resident Engineer for that district. He retired from this appointment in 1895 on a pension. While