

He remained in charge of these works until May, 1886, when he once more returned to England; but two years later accepted the post of General Manager and Resident Engineer of the break-water and harbour of La Guaira, which is the seaport of, and connected by railway with, Caracas—a very important work on the Atlantic which had been shortly before commenced by the La Guaira Harbour Corporation, with Messrs. Punchard and Son as contractors. The tropical heat and low situation of La Guaira, at about 9° from the Equator, make it one of the most unhealthy spots in South America, and after remaining in charge of these works for nearly three years, his health had been so much affected that Mr. Ross was obliged to return to Europe on sick leave with liver, heart, and lungs quite out of order. Originally endowed with an exceptionally robust constitution, he retained to the last the hope of ultimate recovery, but dropsy and other complications supervened, and he was finally released from the acute sufferings which accompanied his last illness on the 12th of January, 1894.

Throughout his life Mr. Ross was very highly respected for the honourable conduct which characterized all his actions; beloved for his invariably kind and generous disposition; and distinguished for a courtesy of demeanour which commanded remarkable success when negotiating with courtly Spaniards and Spanish-Americans of leading position in the countries where so many years of his life were passed.

He was elected an Associate of the Institution on the 6th of February, 1872, and was transferred to the class of Associate Member on its creation in 1878.

THOMAS HOPE GREEN BERREY, one of the oldest officials of the Manchester Corporation, died on the 6th of February, 1894, having been out of health for some months, at the advanced age of seventy-eight years. The beginning of his work for the city dates from the days of the old Police Commissioners, before Manchester received its charter of incorporation. A native of the town, Mr. Berrey was in his early years employed in the offices of the Commissioners, who to a great extent managed local public affairs, and when the Corporation came into existence he entered its service. He was best known in connection with the Waterworks Department. In 1851 the Corporation began to supply water to the town, having previously purchased

the works of the old Water Company, and entered upon the construction of the new works at Woodhead. Mr. Berrey was appointed indoor superintendent of the department, and was entrusted with the management of the finances and of the sale of water for domestic and trading purposes within and beyond the limits of the city. Two years after his appointment, and largely through his instrumentality, the system of constant supply was applied to the town. Upon his recommendation the committee made experiments in a district within the area of supply and the result being satisfactory the system was adopted. He also inaugurated the plan of testing and stamping internal water-fittings, and this has proved successful in preventing waste of water and the inconvenience arising from defective arrangements. On the death of Mr. C. Wilson, the outdoor superintendent of the water-works, in 1874, Mr. Berrey was appointed chief superintendent of the department and, in addition to other duties, took into his charge the entire management both of the supply and distribution. Mr. Berrey was also agent for the estates of the corporation from Woodhead to Prestwich, as well as those at Thirlmere.

Of a genial, kindly disposition, Mr. Berrey's relations with his staff were of a pleasant character, and about eighteen years ago they presented his portrait to the Waterworks' Committee. In 1880 the committee appointed an indoor superintendent and Mr. Berrey became general outdoor superintendent.

Mr. Berrey was elected an Associate of the Institution on the 5th of May, 1874.

SAMUEL HENRY LOUTTIT was born at Falmouth on the 16th of June, 1838, and was educated at the City of London School. In 1857 he became a clerk in the office of the Secretary to the Royal Mail Steam Packet Company and two years later was selected by one of the directors for the post of Secretary to Bray's Steam Traction Engine Company. That appointment he held until 1864, when he became Secretary to Muntz's Patent Metal Company. In the following year, however, Mr. Louttit was appointed Secretary to the Hamilton Windsor Ironworks Company of Liverpool. During his connection with that company four shallow stern-wheel steamers were built for the King of Burma, as well as several light-draught steamers of similar design