

while his high sense of honour and unassuming manner gained the confidence of his superior officers and the friendship of his colleagues.

He was elected an Associate Member of the Institution on the 6th of December, 1887.

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WALTER RICHARDS MARTIN, son of the late Mr. John Martin, of Whatton House, Leicestershire, was born on the 15th of May, 1860, and was educated at Trinity College, Cambridge. In January, 1884, he was articled to Messrs. Tancred, Arrol & Co., and on the expiration of his pupilage was employed by that firm as an assistant engineer on the erection of the Forth Bridge. He rendered valuable service in the setting-out both of the foundations and of the steel work, but unfortunately his health broke down from exposure during severe weather. After a winter abroad, however, he returned to the Forth Bridge and assisted in the calculations relative to strains, deflections and other matters to be allowed for in the erection of the cantilevers, in which work his mathematical knowledge was of great use. But his health again failed and, to the regret of all with whom he was associated, he was compelled to leave Queensferry in the autumn of 1888, before the completion of the bridge.

Mr. Martin did very little work after leaving the Forth Bridge. His health gradually became worse and he died in London on the 17th of November, 1893.

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HUGH NETTLEFOLD, second son of the late Mr. Edward John Nettlefold, was born on the 19th of August, 1858. After being educated at a private school he went through the engineering course at King's College, London, and then entered the works of Messrs. Easton and Anderson at Erith as an articled pupil. After two years' practical training in those works he entered the manufactory of patent screws at Birmingham which was owned by his family. Shortly after, it was turned into a company under the