

Mr. Swallow was elected an Associate of the Institution on the 5th of March, 1878, and was transferred to Member on the 4th of March, 1884.

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RALPH ARCHBOULD was born at Islip, in Northamptonshire, on the 25th of September, 1856. In 1874 he was articled as a pupil to Mr. William Adams, who was at that time Locomotive Superintendent of the Great Eastern Railway. Four years later he accompanied Mr. Adams to the London and South Western Railway, where he was employed in connection with the many extensive alterations which that gentleman made at the Nine Elms Works in the laying down and equipment of the new workshops. After being here a few years he went to America in order to visit various works in that country, and to get an insight into American shop practice. On his return he entered the firm of Messrs. Woodhouse and Rawson, Electricians, as works manager, and held that post for several years until bad health compelled him to retire. He died on the 6th of December, 1889, at the early age of thirty-three.

Mr. Archbould was elected an Associate Member on the 6th of December, 1881.

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AUGUSTUS HAGHE, eldest son of Louis Haghe, the well-known artist, one of the Past Presidents of the Institute in Water Colours, was born on the 25th of May, 1846. He inherited much of his father's artistic talent. He began his engineering career in the employ of Messrs. Simpson, civil engineer, under whom he served in 1866 and 1867. In the following year he became a pupil of Mr. Joseph Phillips. Hardly had he passed his noviciate, when a severe attack of congestion of the lungs necessitated a complete change of climate; for this purpose he made a voyage to Australia. At the end of 1869 he recommenced work as Superintending Engineer for Mr. Joseph Phillips in connection with a scheme at Hull. From Hull, Mr. Haghe, still in the same employ, went to the Blackwall Docks, and thence to Liverpool and Weymouth. On the completion of the Weymouth Harbour improvement contract, in 1874, he entered the service of Messrs. T. and C. Hawksley, for the purpose of building and erecting a gasholder at Folkestone gas-works. The large reservoirs at the Leicester water-works next claimed his attention, and from there he went to Great