

RICHARD PRICE-WILLIAMS, born in November, 1827, in London, died at Bournemouth on the 19th September, 1916. He was a pupil of the late Mr. George Heald, M. Inst. C.E., on the construction of the Lancaster and Carlisle and Caledonian Railways in the 'forties of the last century, and afterwards an apprentice in the locomotive works of Messrs. Kitson, Thompson and Hewitson, of Leeds. From 1854 to 1860 he was engaged in the design and construction of girder bridges and other engineering work, as assistant and resident engineer on the Great Northern Railway at Leeds. He was subsequently consulting engineer for the construction of the Metropolitan Outer Circle Railway, and prepared numerous plans and estimates for other railways, both in this country and in the Colonies.

He was probably best known among his fellow engineers for his pioneer work in the application of steel to railway permanent way, and his statistical investigations of the life of permanent way and rolling stock. Recognizing at an early date the advantages of Bessemer steel for railway purposes, he became Manager of the first Bessemer works, at Greenwich, and in 1862 Sir Henry Bessemer appointed him engineer to the Bessemer Steel Works at Stocksbridge, where he built a converter plant and a rail mill. One of his numerous contributions¹ to the Proceedings, a Paper on "Maintenance and Renewal of Permanent Way," in 1866, and the discussion thereon, was largely instrumental in inducing British railway engineers to give the new material a trial. In 1889, and again in 1895, he reported upon the conditions of the Government Railways of New South Wales, and in 1889 he was also engaged in reporting and arbitration in connection with the transfer of the Tasmanian Mautine Railway to the Tasmanian Government. His statistical inquiries were not limited to railways but were concerned also with coal, railway rates and charges, and population, upon which he contributed Papers to the Royal Statistical Society.

In November, 1885, a testimonial was presented to him by some of the leading engineers of the day, in appreciation of his services in the advancement of engineering knowledge, and especially his investigations into the subject of Bessemer steel. In 1898 the Iron and Steel Institute awarded him the Bessemer gold medal, and shortly before his death he was nominated to Honorary Membership of the Institution of Mechanical Engineers; he was elected a Member of The Institution on the 9th April, 1861, and was awarded the Telford medal in 1866, the Watt gold medal in 1870, and the George Stephenson gold medal in 1902.

SIR CORBET WOODALL, who died at Torquay on the 17th March, 1916, at the age of 75, was well known and greatly respected as a leading figure in the gas industry, with which his father and two brothers were also associated. Born on the 27th August, 1841, at Liverpool, he served (1859-64) as pupil and assistant to

¹ Minutes of Proceedings Inst. C.E., vol. xxv. p. 353.

Mr. R. Morton, Engineer to the Woolwich Equitable Gas Company. He was then for 5 years Engineer to the Corporation Gas Works, Stockton-on-Tees; he also built gas-works at North Ormsby, and was consulting engineer to several companies in the district. Leaving Stockton in 1869, he entered the service of the Phoenix Gas Company, of which Mr. Morton was then chief engineer, at Vauxhall, and succeeded Mr. Morton in 1872. He constructed the large gas-holder in Kennington Lane in 1878, and also carried out in that year, in conjunction with Mr. William Sugg, an experiment in street-lighting in the Waterloo Road, which was an unqualified success. In 1880 he retired from the active management of gas-works, and commenced to practise as a consulting engineer in Westminster; since then there have been few arbitration, parliamentary or other proceedings in connection with gas undertakings of any importance in which his firm have not been retained as advisers.

From 1882 to 1900 he was in partnership with the late Mr. E. B. Ellington, M. Inst. C.E., in connection with the introduction of hydraulic power-supply. This period was marked by the foundation of the General Hydraulic Power Company, Limited, of Southwark; the London Hydraulic Power Company, and supplies in Liverpool, Manchester and Glasgow. In 1906 he succeeded Sir William T. Makins, Bart., as Governor of the Gas Light and Coke Company, which benefited greatly by his leadership.

Two movements which Sir Corbet Woodall had much at heart were co-partnership and the Territorial forces. He introduced co-partnership among the employees of the Gas Light and Coke Company and other companies with which he was connected; and he was Honorary Colonel of the 12th Battalion of the County of London Regiment ("Rangers"). He was knighted in 1913, and received the honorary degree of Doctor of Science of the University of Leeds. He was President of the Institution of Gas Engineers in 1913, and was Chairman or a director of numerous gas undertakings.

He was elected an Associate Member on the 3rd December, 1872, and was transferred to the class of Members on the 30th October, 1877.