

OBITUARY

WILLIAM EWART BLIZARD, B.Sc.(Eng.), who was born on 9 June, 1889, died on 15 January, 1956.

He was educated at King's College School, Wimbledon, and at the University of Southampton.

He commenced his professional career with Messrs Lemon and Blizard, Consulting Engineers, of Westminster. In 1912 he entered the Indian Service of Engineers, and was employed on the design and construction of the Gangao Dam, the Mirzapore Canal Project, and on the Sarda Canal Project as Executive Engineer, and other large irrigation works.

During the 1914-18 war he held a commission in the Indian Army and served with a field company of the Queen's Own Sappers and Miners in Iraq and Persia.

In 1920 he returned to the Indian Service of Engineers and was engaged on the design and construction of bridges, canals, and barrages. For a number of years, until the time of his death, he was a senior Partner in the firm of Messrs Lemon and Blizard, and as Consulting Engineer was responsible for the design and construction of many works of water supply and sewage disposal for Local Authorities in the United Kingdom.

He served in the Engineering and Railway Staff Corps, Royal Engineers (Territorial Army) and at the time of his death he held the rank of Lieutenant-Colonel. During the 1939-45 war he worked with the Ministry of Health as Regional Engineer in the South-West Region and became Deputy Chief Engineer, Ministry of Home Security.

He was elected an Associate Member in 1916, and was transferred to the class of Members in 1929. He was also a Member of the Institution of Water Engineers, a Past-President of the Institution of Sanitary Engineers, a Member of the Royal Sanitary Institute, and a Member of the Association of Consulting Engineers.

He is survived by two daughters.

PHILIP GROSVENOR CORIN, M.A. (Cantab.), who was born on 14 August, 1897, died on 14 October, 1955.

He was educated at Shebbear College, North Devon, from 1907 to 1914, and in 1919 he entered Christ's College, Cambridge, where he read the Mechanical Sciences Tripos. He graduated in 1922.

From 1915 to 1918 he served with the anti-aircraft artillery of the British Expeditionary Force in France, and had an opportunity for experimental work on gunsights and automatic hydraulically operated gun-laying gears. When discharged in 1918, he was a flight cadet with the Royal Flying Corps.

In 1922, he was appointed Construction Engineer on the staff of Imperial Chemical Industries at Billingham and supervised the erection of industrial boilers. He later designed and installed gas purification and synthesis plants, and was engaged on process units and as Research Group Manager, on the hydrogenation of coal. He was appointed Deputy Works Manager in 1932, in control of shops, and was responsible for the design of many new pieces of plant. From 1934 to 1935 he was Plastics Group Engineer.

He became Vice-Chairman and Technical Director of Henry Berry & Co., Ltd in 1935. In this capacity he was first concerned with high-pressure hydraulic equipment, railway workshop tools, and chemical plant. After 1939 he was engaged on the development of machines to produce recoil systems for tank and anti-tank guns, and the design of other hydraulic equipment and apparatus in connexion with torpedo and gunnery work. From 1952 until his death he was Joint Managing Director of the firm.

He was elected an Associate Member in 1932, and was transferred to the class of Members in 1936. He was a Member of the Institute of Welding and of the American Society of Mechanical Engineers.

He is survived by his wife, a daughter, and a son.

EDWARD ARTHUR EVANS, B.Sc., who was born in 1886, died in June 1955.

He graduated from the University of Wales, and became Assistant to the County Surveyor (Roads and Bridges) of Caernarvonshire, as well as practising as a Civil Engineer and Surveyor in a private capacity. He deputized as County Surveyor in 1914 and, on the outbreak of war, was mobilized with the Special Reserve of Officers, Royal Engineers. He lost his right leg from wounds sustained in action in October 1914, and was invalided out of the Army in March 1918, with the rank of Captain. In the same year, 1918, he was appointed County Surveyor (Roads, Bridges, and County Buildings) of Montgomeryshire.

In 1926, he was appointed County Surveyor (Roads and Bridges) of Denbighshire, and held that office until 8 August, 1950.

He was elected an Associate Member in 1910. He was also a Fellow of the Royal Institution of Chartered Surveyors, and a Member of the Institution of Municipal and County Engineers.

He is survived by his wife.

SIR RICHARD AUGUSTINE STUDDERT REDMAYNE, K.C.B., M.Sc., who was born at Low Fell, County Durham, on 22 July, 1865, died at his home in Hertfordshire on 27 December, 1955.

He was educated privately and at Durham College of Science, Newcastle-upon-Tyne. In 1883, his lifelong association with mines and mining began with an apprenticeship at the Hetton Collieries, County Durham; after 5 years, he was made under-manager of the Elemore Colliery. In 1891, he undertook the post of general manager of a colliery in Natal, South Africa, and was later employed by the Natal Government to investigate the oil shales of the Drakensberg Mountains. He returned to Great Britain in 1893, and became manager of the Seaton Delaval Collieries, Northumberland.

In 1902, he was chosen to be Professor of Mining at the recently founded University of Birmingham, where the degree of Master of Science was conferred on him. He relinquished the Chair in 1908, when he was appointed H.M. Chief Inspector of Mines. He was the first to hold this office. During his tenure, the Royal Commission of Mines elected him Chairman of the Committee of Experts appointed to investigate accidents in mine shafts, underground haulage, and falls in coal mines; he reported in 1909.

From 1905 to 1908, Sir Richard acted as an Expert Member on the Board of Directors of Collieries, and subsequently he sat on many official Committees concerned with conditions in, and improvements to, mines and quarries, particularly in the interests of safety.