

OBITUARY

JOHN ISDALE CAMPBELL, who was born on 27 January, 1890, died on 9 November, 1956.

In 1907 he was apprenticed to the Caledonian Railway Company, later serving them as Junior Assistant Engineer.

During the First World War he spent more than 4 years with the Army on active service in France, attaining the rank of Lieutenant in the Royal Engineers, Railway Construction Company.

Returning to Britain in 1919 he joined the North British Railway Company, which was later incorporated in the London & North Eastern Railway, and rose steadily, becoming Chief Civil Engineer, Eastern Region, British Railways, in 1948.

In 1954 he and Mr P. A. Scott, B.Sc., M.I.C.E., presented to the Institution a Paper "Woodhead new tunnel; construction of a three-mile main double-line railway tunnel",¹ for which they were awarded a Crampton Prize.

Mr Campbell was elected an Associate Member in 1921, and was transferred to the class of Members in 1947.

He is survived by his wife and two sons.

HARRY SHOOSMITH was born on 9 February, 1866 and died at Hove on 18 October, 1956.

The youngest of eight children he was apprenticed to the Blackwall Ironworks in the Isle of Dogs. On completion of his apprenticeship he obtained a Whitworth Scholarship and at the Central Institute of the City and Guilds he secured first place in the examination for Associateship.

In 1890 he became a Lloyds Surveyor and in the following year he joined Kynochs as a works manager. In 1894 he went to Priestman Brothers, of Hull, where he worked on oil engines and, later, on cranes and grabs. In 1896 he became Principal Engineer to William Cory and Son. During his long association with this firm he introduced several new designs for grabs, cranes, and weighing devices for cargo work. He was one of the pioneers in the use of ferro-concrete for wharfs and jetties.

On his retirement in 1934 he joined the board of Plenty and Sons, Limited, Newbury; becoming Chairman in 1937. This position he held until his death.

He acted as a Consultant for a variety of bulk-handling installations and during the Second World War he visited Canada and north and west Africa in connexion with ship bunkering schemes for the Ministry of War and Transport.

He was elected an Associate Member in 1891 and was transferred to the class of Members in 1900. He was also a Member of the Institute of Mechanical Engineers and a Past-President of the Whitworth Society.

He is survived by two sons and a daughter.

JOHN KIRBY SWALES, C.B.E., M.C., who was born on 31 July, 1879, died on 20 October, 1956.

In 1897 he was articled to the late Thomas Hewson, M.I.C.E., who was then the City Engineer of Leeds. In 1901 he became Assistant-in-Charge, and later, Resident

¹ Proc. Instn Civ. Engrs, Pt I, vol. 3, p. 506 (Sept. 1954).