

of Hartlepool. Mr. Howkins died at Granton on the 26th April, 1906, aged 66.

He was elected an Associate of the Institution on the 5th February, 1867, and was transferred to the class of Members on the 3rd December, 1872.

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GEORGE LEWIS, born at Coleorton, Leicestershire, on the 7th April, 1836, was trained under Mr. J. C. Bailey, of Wigan, in the mining branch of the profession, to which his career was subsequently devoted. Between 1861 and 1866 he was Manager of the Coleorton and Swannington Collieries, Leicestershire, where he sank two shafts, put down winding-plant, erected the necessary machinery and constructed sidings and branch lines. Shortly after the latter date, Mr. Lewis engaged in independent practice as a mining engineer, and in course of time, became associated with most of the principal collieries and coal-fields of the Midlands, as well as with gypsum and ironstone mines in that district. He was retained as Engineer to the Donisthorpe, Coleorton, Wollaton, Manners, South Leicestershire, Ibstock, Whitewick and other collieries, representing an aggregate annual output of nearly a million tons. From Coleorton he transferred his headquarters to Derby, where he continued to practise until his death, which took place at his residence, Green Hill, Derby, on the 9th November, 1905. Mr. Lewis was a Fellow of the Geological Society and a Member of the Institution of Mining Engineers, of which he was President in 1893. He was also for some years a member of council of the Mining Association of Great Britain.

He was elected a Member of this Institution on the 3rd February, 1885.

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WILLIAM McLANDSBOROUGH, born on the 14th April, 1829, at Otley, Yorkshire, was trained for the engineering profession under his father, the late Mr. John McLandsborough, and subsequently acted as Resident Engineer on various water-supply, drainage and sewerage works carried out under the direction of Sir Robert Rawlinson, Past-President, and other prominent engineers. Between 1861 and 1864 he occupied the position of Engineer to the City of Gloucester, and in the latter year he was appointed Engineer and Manager of the Cheltenham Waterworks, subsequently becoming Waterworks Engineer to the borough on the transfer of the water