

with which he treated all who were engaged in carrying on the works under his control. His abilities as an engineer were of a high order, and would have ensured him a brilliant future had not death put an end to a career in which he was already making rapid advancement. Personally he enjoyed the respect of all who knew him, and endeared himself to a circle of faithful friends, by whom his death is sincerely mourned.

He was elected an Associate Member of the Institution on the 2nd of December, 1879. He was a member of the American Society of Civil Engineers, and also a member of the American Society of Mechanical Engineers.

---

WILLIAM JACKSON began his career as an apprentice in the works of Messrs. Otway, Winnington and Co., mechanical engineers, where he remained for six years. On the completion of his apprenticeship in 1852 he began a series of short engagements with various firms of mechanical engineers, seldom remaining more than a year or two in one employ, until, in 1858, he was appointed by the "West India Royal Steam-Packet Company" as Engineer afloat, on board s.s. "Conway," s.s. "Tasmania," s.s. "Oneida," s.s. "Douro," and Chief Engineer of s.s. "Clyde" and s.s. "Trent." He retained this position until 1865, when he was engaged by Messrs. John Penn and Son, marine engineers, as Engineer afloat, in the service of the Khedive of Egypt, by whom he was made Chief Engineer of H.H.'s yacht "Fayoun" for two years. He was afterwards for a year in Messrs. Penn's works at Greenwich. In 1868 he undertook the situation of mechanical engineer at the extensive Cannock Chase Collieries, and this post he resigned a few months only before his death.

Conscientious, in some respects almost to a fault in the matter of duty, he was an exceptionally hard worker, and the exigencies of collieries requiring new work and important repairs to be carried out week-ends and holidays, he was, during the last sixteen years of his life, incessantly engaged. It is characteristic of the man that for a long period of years he never slept away from his house adjoining the works, and when suffering from fatal illness, partially paralysed and unable to move without great pain, he would insist on visiting the shops when any temporary return of strength enabled him to move without assistance. His attention to detail was equal to his capacity for work, and he brought to bear on colliery mechanics much of the nice and

correct workmanship of large engineering works. To a great extent this close and almost microscopic attention to detail interfered with original work, but in underground haulage and other work connected with colliery engineering he displayed very considerable mechanical skill, his extreme nicety in studying detail often approaching originality, so much did he analyze conditions which in an ordinary way appeared unnecessary. With the same amount of time spent over a more ambitious field of invention he would probably have been a prominent man. It may be said that he sacrificed himself to a too close attention to minor details, and instead of subverting such knowledge, at a time when it was fairly perfected, to a more general sphere of usefulness, the habit became ultimately predominant. His sensitiveness of character, aggravated by disease of long standing, also contributed to his remaining in a position which, although an onerous and responsible one, did not afford him an opportunity of individualizing himself.

Mr. Jackson was elected an Associate Member on the 1st of March, 1881. He died on the 22nd of March, 1885.

---

SAMUEL ROBERT LINGING, son of Mr. Edward Meek Linging, was born in 1851. On the completion of his education, in 1871, he was sent to the Hull works of the British Gaslight Company, where he was appointed assistant to the then Engineer and Manager. Four years later he was made Engineer and Manager of the Potteries Station of the same company, a position he held until his untimely death on the 5th of October, 1885. His career was too short to allow of his name coming prominently before the gas-world, but his services were such as induced the Directors of the company to place the utmost confidence in his skill as an engineer, and in his general business qualifications, and on his death they unanimously passed the following resolution:—

“The Directors receive with the deepest regret the intelligence of the death of Mr. Robert Linging, their Manager at the Potteries Station. They desire to record their sense of the most valuable service rendered by him to the Company during the ten years of his management. His constant energy and skill were of the utmost value to the Company, and he combined with these qualifications so much kindness and courtesy, that he gained the regard and esteem of all who were brought in contact with him.”

Mr. Linging was elected an Associate Member of this Institution on the 2nd of April, 1878.

---