

result of the accidental overturning of an engine which he was running over a light line to a quarry.

Mr. Bergman was elected an Associate Member of the Institution on the 8th January, 1901.

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THOMAS PERCY GUNYON, born on the 4th March, 1854, was educated privately for the engineering profession, and served his pupilage to the late Sir Joseph Bazalgette, C.B., Past-President. At the expiration of his pupilage in 1872, he entered the Engineer's Department of the Metropolitan Board of Works, and afterwards, under the Chief Engineer, took charge of the subways vested in the Board and its successors, and of the working of the Electric Lighting Acts and Orders. At the advent of the London County Council, Mr. Gunyon also dealt for some considerable time with engineering matters arising under the various Tramways Acts and in connection with the housing-schemes promoted by the Council. He also carried out in a highly satisfactory manner the electric lighting of Claybury Asylum. The electric lighting of the Victoria Embankment, the central and other offices, the fire-brigade stations, and many other places, was also carried out under Mr. Gunyon's direction; and he was the principal inspector of electric-lighting arrangements at all London theatres and other places of public amusement. He also rendered good service to the Council in connection with electrical subjects before Committees of Parliament and at Board of Trade inquiries. Mr. Gunyon died, after a short but painful illness, on the 13th June, 1906, at the comparatively early age of 52. His genial disposition and readiness at all times to advise and assist others earned for him the respect and esteem of his colleagues and subordinates.

He was elected an Associate Member of this Institution on the 25th May, 1880.

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HENRY ALLAN MOSS, born on the 17th November, 1863, passed through the 3 years' course at the Royal Indian Engineering College, Coopers Hill, where he distinguished himself in mathematics; and after obtaining his practical training under the late Mr. J. A. B. Williams, Waterworks Engineer of Cardiff, he joined the Public Works Department of Madras in 1886. He was first posted to Bezwada, and subsequently took charge of the

Northern Sub-Division, with which the Bezwada district was incorporated. For several years he was engaged chiefly on irrigation work in the Godavari and Kistna deltas, but for nearly 8 years before he left India on furlough at the end of 1903, he was stationed at Madras, where he occupied the post of General Superintendent of the Public Works Department stores and workshops. The last important work in which Mr. Moss participated was the Cauvery Dam project, in the execution of which he expected to take part on his return to India. He, however, died in England on the 9th September, 1905, within a fortnight of the date fixed for his departure. Whilst at Madras, Mr. Moss brought out, in conjunction with Colonel A. W. Smart, R.E., their invention of lift shutters or movable weirs, which were introduced on the large anicuts and other regulators of the Cauvery Delta system and subsequently adopted in other parts of India.

Mr. Moss was elected an Associate Member of the Institution on the 4th March, 1890.

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THOMAS PERHAM, born on the 19th June, 1840, was educated at the Bristol Grammar School, and, after serving a pupillage to Messrs. John Penn and Sons, of Greenwich, he left this country for New Zealand in 1864. On arrival in the colony, Mr. Perham joined the Provincial Survey Department of Canterbury, and after serving several years as draughtsman and mining surveyor, he was appointed in 1870 Assistant Marine Surveyor under the New Zealand Government, in which capacity he made a hydrographic survey through the Fijian group, and designed harbour improvements for Levuka, Fiji, and Coromandel, Auckland. In 1872 he joined the Public Works Department, and was engaged until 1885 in the design of bridges, wharves and other structures, and on surveys and improvement-works in connection with harbours and rivers in various parts of the colony. Subsequently for several years he engaged in private practice, but rejoined the department in 1893 as designing draughtsman. In 1897 he was transferred to the Mines Department as Engineer for Water Conservation, in which capacity he designed the Eweburn dam, near Naseby, Otago, the largest dam constructed in New Zealand for supplying water to the mines, its holding capacity being approximately 500 million gallons. When the goldfields are worked out in course of time, the water will be made available for irrigation in a region where the average rainfall is exceptionally low. Mr. Perham retired from