THE IHVE: WORLD WAR II AND AFTER, 1940-49

Miss Jesse Moran
IHVE Acting Secretary 1941-47
The Home of the IHVE

75, Eaton Place S.W.1

As the Institution of Heating and Ventilating Engineers moved into their new offices at 75, Eaton Place, London, S.W.1, only two or three months ago, many members, especially those in the provinces, have not yet had an opportunity of visiting them. Mainly for their benefit, therefore, we recently sent our photographer along to Eaton Place to take these pictures.

Above: Exterior of the buildings.
Top, right: The Library.
Centre: The Secretary's office, with Mr. H. Swain at his desk.
Right: Part of the Council Room. The Past-President's panel can be seen on the wall, right.

New premises for the IHVE, 1947
'Father' of the I.H.V.E. dies, aged 82

The I.H.V.E. has lost its oldest member and the first practising heating engineer to join its ranks by the death of Mr. Edmund William Mayner, which, we regret to announce, occurred last month at the age of 82.

Mr. Mayner had carried on business in Christchurch, Hants, for twenty years, having previously been Works Manager with William Diben & Sons, Ltd., of Southampton. He had also held other posts in the Home Counties during his early career.

A notable local figure, Mr. Mayner took a keen interest in the welfare and organisations of his district. He was a Past President of the Christchurch Chamber of Trade, of which he was also a founder-member, and a former member of the Publicity Committee.

In 1896, a Mr. J. Kemsley put forward a proposal to found a society to foster the heating and ventilating trades. Mr. Kemsley was at that time Secretary of the Institute of Sanitary Engineers, of which body Mr. Mayner was a Member of Council.

Mr. Mayner approved the suggestion, and when the "Institute" as it was then called, was formally constituted in 1897, he joined it.

Records show that he was probably the first member and certainly the founder-member responsible for introducing the men who filled the office of President during its first few years of existence.

Mr. Mayner never occupied the presidential chair, preferring to hold the post of Chairman of an Executive Committee, but it is almost certain that he recruited Mr. Walter Jones, Mr. D. M. Nesbit, Mr. W. R. Maguire, Mr. (afterwards Sir) Louis F. Pearson and Mr. George Crispin, all of whom came to the Chair after Mr. John Grundy, the first President.

Mr. Mayner celebrated his golden wedding in 1935. At the funeral, the I.H.V.E. was represented by Mr. W. B. R. Cross (Member).

E. W. MAYNER

He had also acted as chairman of the committee which, before the war, organised the Hospital Carnival. In spite of his age, he took an active part in Civil Defence duties.

Mr. Mayner's early association with the I.H.V.E. is of great interest to members.

Obituary E W Mayner
Father of the IHVE
Oscar Faber OBE, President 1944-46
Principal Oscar Faber & Partners
OSCAR FABER
PRESIDENT 1944

The new President of the Institution of Heating and Ventilating Engineers, Mr. Oscar Faber, was born 1886, in London, and was educated at St. Dunstan's College, Catford, and City and Guilds (Engineering) College, South Kensington (Cloth-workers Scholar) 1903-1906, obtaining the A.C.G.I., first in Electrical Engineering and subsequently in Civil and Mechanical Engineering. He took the B.Sc., Engineering, London University and subsequently the D.Sc., by thesis on Research. He became assistant civil engineer to A.P.C.M. and worked on jetties, wharfs, and Civil Engineering Works, chiefly of timber and reinforced concrete. Later he became assistant engineer to Indented Bar Engineering Co. and was responsible for designs of many important R.C. structures. When chief engineer with Trollope & Co. Ltd. he was responsible for design of engineering work in many large London buildings, such as Hong Kong Bank, Chartered Bank of India, London House, etc. During the last War he did important research work and production for the Admiralty for which he was awarded O.B.E.

He set up in private practice as consulting engineer about 1920, became consulting engineer for New Bank of England, including structure, heating and air-conditioning plant, electrical system, and all engineering services (1925-1942). He acted in similar capacity in regard to many buildings in London and abroad, such as Lloyds Bank, Glyn Mills Bank, Martin's Bank, Barclay's Bank, India House, S. Africa House, Church House, Royal Empire Society, Earls Court Exhibition, including all heating, air conditioning, electrical work, and all services. He designed many flour mills, silos, etc. and was consulting engineer for many large buildings in Shanghai and Hong Kong, Nairobi, Cape Town, Pretoria.

He is a Past-President, Institution of Structural Engineers and author and joint author of many technical papers and books on reinforced concrete, constructional steel, heating and air conditioning, foundations, etc. The Hon. D.C.L. of Durham University was awarded him in recognition of work in underpinning Durham Castle, under conditions of considerable risk and difficulties. He was elected a Member of Institution of Heating and Ventilating Engineers in 1933, and Vice-President in 1939.
IHVE Summer Meeting, Scarborough 1946
President E A Couzens
A day at
EASTBOURNE

Stepping Out!

In another part of this issue is a
lengthy written report of the threeday Summer Meeting of the Institution of Heating and Ventilating Engineers, held at Eastbourne last
month. This special eight-page supplement represents a pictorial report of the proceedings on one
of those days by Joe Hollander, of
Green Park Studios, W.

Early in the day he caught
President E. A. Couzens (centre,
above) stepping out with his two
Vice-Presidents—Mr. L. Copeland
Watts (left) and Mr. H. H. Bruce.
Later President and Mrs. Couzens
were welcomed by Alderman E. C.
Martin, J.P., Mayor of Eastbourne.

IHVE Summer Meeting, Eastbourne 1947
President E A Couzens
E A Couzens, President 1946-47
Director Couzens & Akers Ltd
E. A. COUZENS

PRESIDENT 1946-47

The new President of The Institution of Heating and Ventilating Engineers, Mr. E. A. Couzens, was born in Bristol, 1884, and educated at the Colston School, Bristol. He attended evening classes at Bradford-on-Avon, Trowbridge, and Newport, Monmouth, technical schools. He entered the heating and ventilating engineering industry in 1898 as an operative apprentice with Messrs. G. N. Haden & Sons, Trowbridge. He was Birmingham branch manager for Messrs. G. N. Haden & Sons from 1909 to 1919. In 1919 he founded the business of Couzens & Akers Ltd., heating, ventilating and electrical engineers. He was elected an Associate Member of the Institution in 1913 and Member in 1921, and was Chairman of the Birmingham and District Branch of the Institution from 1933 to 1939. Captain of the Birmingham and District Branch of the B.T.U. Golfing Society. He became a Member of the Birmingham Engineers' Club at its inception.
Leonard Copeland Watts, President 1948-49
Partner, J Roger Preston & Partners
L. COPELAND WATTS

PRESIDENT, 1948-49.

The new President of the Institution, Mr. L. Copeland Watts, M.I.Mech.E., A.C.G.I., M.Gons.E., M.Amer.Soc.H.V.E., was born in London in 1898. He was educated at The Friends School, Saffron Walden, the City and Guilds Technical College, Leonard Street, Finsbury, and the City and Guilds (Engineering) College, South Kensington where he obtained the A.C.G.I. in Civil and Mechanical Engineering, and was awarded the Bramwell Medal. He was engaged in designing reinforced concrete for 5 years before entering the heating and ventilating industry. In 1924 he joined Mr. J. Roger Preston—a Past-President of the Institution, when he started his business as consulting engineer, becoming in 1936 a partner in the firm of J. Roger Preston & Partners, being now the sole active partner, where he has been responsible for the design of the mechanical engineering services in a large number of important public buildings, hospitals, schools, etc.

Mr. Watts joined the Institution in 1927 becoming a Member in 1933 and was elected to Council in 1935. He has always taken a keen interest in improving the educational standard of entry to the Institution and has served on the Examination Board and the Membership Committee and now represents the Institution on the Board of Governors of the new National College for Heating, Ventilating, Refrigerating and Fan Engineering. He was a member of the Code of Practice Committee which produced the Data Book, and has served on the Research, bye-laws, Reception, Finance and other committees of the Institution. He is also the Institution's representative on the Ministry of Works Code of Practice Committee and is the Chairman of the drafting panel preparing the Code of Practice for Central Heating. He has served on Government Committees and is at present a member of the Joint Committee of the D.S.I.R. and Fuel Research Board.
ON the previous page we show Institution of Heating and Ventilating Engineers at home. Here I.H.V.E. is "abroad"—in fact, holiday — for the Summer Meeting of Institution, held this year at Bournemouth and Boscombe.

A full written report of this three-day event—June 21st, 22nd and 23rd—appears elsewhere in this issue. A pictorial supplement, which is again the work of our special photographer, enables us to give once more the complete reporting coverage which readers have come to expect from this journal.

1. President and Mrs. L. Copeland Watts survey the Tuesday morning scene from the hotel steps.

2. Mr. Donald V. H. Smith (left), district-heating protagonist, with Mr. Thomson.

3. Mrs. R. E. Tournay, Chairman, Managing Director of Technicade Join Ltd., with Mr. H. R. Hiscock (right). Mr. G. H. Rees, of Hartley and Sugden, Halifax.

4. The two gentlemen in the foreground are Mr. P. A. Vincent (left) and Mr. T. Winbolt.

IHVE Summer Meeting, Bournemouth 1948
President L Copeland Watts
IHVE Summer Meeting Eastbourne, 1949
President Henry H Bruce
Henry Hope Bruce, President 1949-50
Chief Technical Officer & Assistant Director
G N Haden & Sons Ltd
H. H. BRUCE

PRESIDENT 1949-50

Mr. Henry Hope Bruce joined the Institution as a graduate in 1924 and in 1937 was awarded a silver medal for his paper on Film Heating. He has been a Member of Council since 1938 and was Chairman of the I.H.V.E. Code of Practice Committee from 1939 to 1948. He represented the Institution in the drafting of British Standard definitions, formulae and constants relating to the Humidity of the Air and is I.H.V.E. correspondent to the joint committee organised by the American Society of Heating and Ventilating Engineers for the international standardisation of Psychrometric Data. He serves on various joint committees sponsored by the Ministry of Works as well as on the Institution's Research Committee and on the committee recently formed by arrangement with the Home Office, Department of Scientific and Industrial Research and the Medical Research Council to report on Atmospheric Conditions in Factories.

Mr. Bruce joined the staff of Messrs. G. N. Haden and Sons Limited in 1925, and is Chief Technical Officer and an Assistant Director of that Company. During the war his duties included co-operation with the Department of Scientific and Industrial Research, the Medical Research Council and the Department of Tank Design in various investigations arising from atmospheric conditions in Armoured Fighting Vehicles. He also contributed to the Post-war Reconstruction report on District Heating as one of the Working Group. Latterly he has been concerned mainly with air-conditioning projects abroad.
DEATH OF SIR LOUIS F. PEARSON
One of I.H.V.E. founders: scientist and philanthropist

We regret to announce the death of Sir Louis F. Pearson, C.B.E., at his home, Lenton Grove, near Nottingham.

Chairman of Directors of the Beeston Boiler Co., Ltd., from 1913 until his death, within a few weeks of his 80th birthday, Sir Louis was one of the founders of the I.H.V.E. His was the twelfth name on the Membership Roll, for he was elected in December, 1897, and in 1903 he became the Institution's sixth President.

Born and educated in Nottingham, he entered his father's firm—then the Beeston Foundry Company—on leaving school, and spent his whole professional life there.

His technical knowledge was called into the service of his country in both world wars. He was a lifelong worker in the Conservative cause in the Nottingham district and a noted benefactor of local hospitals and charities.

Sir Louis was married twice and had a son and daughter by his first marriage. At the funeral, held at Wollaton Church, the I.H.V.E. was represented by Mr. John Hughes (Member), Member of Council and former Chairman of the East Midlands Branch.

Sir Louis' gifts to the Nottingham General Hospital were munificent, and amounted to a total of more than £13,000.

He became a C.B.E. at the end of the last war, during which he figured prominently in the county's production of munitions. He was knighted in 1923 for his social, industrial and public services.

A tragic sequel to Sir Louis' death occurred less than a fortnight later, when his only son, Major L. N. Pearson, was killed in a tractor accident on a farm in Derbyshire.

MEMBERS LETTERS
(Contd. from page 37)

however, I shall hope to renew acquaintance with my old friends in the Institution as well as to meet the newer Members.

"Best wishes to all Members."

Mr. Yates' home is at Swinton, Manchester. His firm is Matthews & Yates Ltd., Cyclone Works, Swinton.

A Graduate Member who has just obtained his Commission in the R.A. adds his word to Mr. Yates' tribute.

Second-Lieut. A. G. Ludgater, whose home address is 105, Moordown, Shooter's Hill, London, S.E. 18, writes:

"It is good to hear that the Institution is still flourishing for during the short space of time that I was a member, I really felt part of it."

Obituary Sir Louis F Pearson, 1943
OBITUARY

Mr. W. NELSON HADEN.

With the untimely death of William Nelson Haden, though at the ripe age of 87, comes another break in the link connecting us with the few remaining stalwarts of that transitory period in the history of our profession during which we changed from rule-of-thumb to more exact methods.

Does it not carry your mind back to that coterie who did so much for our Institution and whom we shall not hear again: Walter Jones, D. M. Nesbit, W. R. Maguire, Louis Pearson, Frank Biggin, Sam Naylor; and now W. N. H. ?

I remember well the occasion when I met Mr. “William” for the first time. It was at an Institution meeting when, as a very junior member, I had the presumption to differ with the opinions expressed on a paper by an acknowledged authority on the subject, and thereby provoked an interesting discussion. Afterwards, Mr. Haden made a point of speaking to me, and in a fatherly, encouraging way which I have never forgotten commended me to “stick to my guns.”

That I think is a clue to his character, in spite of his commanding position in industry and civil affairs he was most approachable and always ready to give sound advice whenever, but not until, it was sought. However momentous or contentious the occasion I never once heard him raise his voice. On the contrary, the modest manner adopted in expressing his own opinion carried conviction, but behind that almost apologetic attitude was an inflexible will which would not be bent by extraneous considerations.

At our summer meetings he and his charming wife were persona grata to everyone and though we may have looked with envious eyes when he was surrounded by our wives and daughters, we were never jealous. He did not drink intoxicants himself, but as head of any table at which he was sitting he saw to it in his own unobtrusive way that whatever you fancied was on the table. One other clue to a character respected and admired by all who knew him, is that to the best of my knowledge no one ever ventured to tell him a vulgar story.

I leave to our Editor a chronicle of factual events for recording in our Journal and with the rest of our members say: “Vale. Suaviter in modo, fortiter in re.”

W. W. Nobbs.

Obituary William Nelson Haden, 1947
OBITUARY

Mr. C. INGHAM HADEN

It is with deep regret that we record the death of Mr. C. Ingham Haden, of Red Gables, Trowbridge, on May 24th, at the age of 83. The passing of Mr. Haden is a loss to the Institution of another of those fine gentlemen who assisted, during its early years, in making it worth while. He became joint managing director of Messrs. G. N. Haden & Sons Ltd., London and Trowbridge, when the Company was incorporated in 1919: having previously been a partner. In 1933 he became Chairman of the Company and held that position until his retirement, after 58 years’ service, in June 1938.

He was President of the Institution of Heating and Ventilating Engineers in 1916, having been a Member since 1902. He read papers on “Low-Pressure Hot-Water Heating in Reck Circulation System” in 1903 and “Utilisation of Exhaust Steam from Electric Generating Stations and Coal Economy,” in 1922. He held the position of President of the Association of Heating, Ventilating and Domestic Engineering Employers in 1911-12. He was a Member of the Institution of Mechanical Engineers.

He was a Justice of the Peace for Wiltshire since 1916 and for many years was Chairman of the Trowbridge Bench and held that position at his death. He was also a member of the County Education Committee and Chairman of the Managers of the Local Council Schools.

He devoted much of his time to maintaining charitable, religious and social institutions. A cause near to his heart was the Trowbridge and District Hospital of which he was President.

Our sympathies are extended to his widow, daughter and son.

Obituary Charles Ingham Haden, 1947
OBITUARY

MR. J. ROGER PRESTON.

It is with much regret that we record the passing of another Past President in the person of J. Roger Preston who died on June 13th, 1949. Mr. Preston was one of our earliest members, having joined the Institution in 1906.

After an apprenticeship with Seward of Lancaster, he worked with Walter Jones at Stourbridge, and then was for a time in Dublin with Maguire & Gatchell. He came to London just as the methods of design were evolving from rule-of-thumb to the more scientific methods employed to-day, and Mr. Preston was particularly insistent that the scientific method of taking off heat losses was used instead of the older methods which had been in vogue.

Mr. J. ROGER PRESTON

After a few years in London as partner in a firm of contractors, Mr. Preston opened an office of his own and founded the consulting practice by which he was chiefly known. At this time there were not many consultants specialising in heating and ventilating, and Mr. Preston's reputation in this branch of engineering rapidly increased. Although he was not a Freemason, he was appointed as consultant for the Masonic Peace Memorial in Great Queen Street, and he also acted for many hospitals, municipal buildings and similar projects.

During his business career Mr. Preston was always keen to try new ideas, providing he was satisfied that they had been properly thought out and developed. He was proud of the reputation he had for designing a good scheme without extravagance and particularly appreciated the recommendations which he got from the trade largely because of the reputation he had for fair dealing.

In recent years his health was poor and he was unable to keep in contact with Institution affairs; in fact his last appearance at an Institution meeting was at Scarborough in 1946.

July 1949

Obituary J Roger Preston, 1949