This Newsletter marks the completion of Forty-Nine years since the Heritage Group was established in 1973. We look forward to celebrating Fifty years of operation in 2023, being the oldest of the CIBSE Special Interest Groups.

Over the years, the Heritage Group Committee and its Members has been composed of engineers, educationalist and environmental experts from design-contractors, consultants, manufacturers and operators; from trade associations, universities, museums and heritage organisations. These have included BSRIA, HVCA (now BESA), ASHRAE, Science Museum, National Trust and particularly English Heritage and Historic England. We also have International Representatives in Australia, France, Italy, the Netherlands and USA.

This Newsletter shows just a few examples from the historic books and documents in the Heritage Group Archives, now stored in the Architectural Library at Cardiff University.
Early Beginnings

Edmund William Mayner is regarded as "Father of the Institution of Heating & Ventilating Engineers". He was probably the first member and the first practising heating engineer to join. In 1896, J. Konsley, Secretary of the Institute of Sanitary Engineers, proposed that a society be formed to foster the heating and ventilating trades. Mayner was at that time a Member of Council of the Institute and appears to have been largely responsible for setting up the IHVE. He never occupied the Presidential Chair, preferring to hold the post of Chairman of an Executive Committee. It is almost certain that he recruited Walter Jones, D.M. Nesbit, W.R. Macquaire, Louis F. Pearson (later Sir), and George Crispin, all of whom came to the Chair after John Grundy, the first President.

The original prospectus of the Institution dated December 1897 was sent out by the Secretary, Luwee Harris, from offices at 29 Ludgate Hill. It lamented the state of the science of heating and ventilating in this country, comparing it unfavourably with the recognition afforded it by the Americans and Canadians noting that on this side of the water "to the public the science of Heating is almost unknown, and Ventilation exists largely in the imagination." This was the first serious attempt to organise the profession.

John Grundy came from City Road, London. He was a boiler manufacturer of some eminence (like many early members). The objects set at this time were "to promote the intellectual welfare of its members by periodical meetings, to read, consider, and discuss papers or problems on Heating, Ventilating or other kindred subjects, and so take such measures to extend, develop or safeguard the interests of these important trades, as may be considered desirable or expedient."
Let There Be Light

The Illuminating Engineering Society was founded in 1909 by a small enthusiastic group consisting of lighting engineers, architects, electrical and gas engineers. The credit for the formation of the Society must go to Leon Gaster, a consulting engineer, who arranged an informal meeting at which he said, "In advocating the formation of such a Society we have no desire to do more than provide a common platform where all those interested in illumination may be able to express their views in a free and informal manner, and membership of such a Society cannot, at the present time, be regarded as any claim to professional distinction. We naturally hope that in time to come when the subject of illumination has been thrashed out in detail to a far greater extent than at present, 'expert illuminating engineers' will have a professional existence..."
THOMAS TREDGOLD 1788-1829

Author of Principles of Warming and Ventilating Public Buildings
References to the Engraving.

A. Column or Tower in the centre of the building, for supporting the Ascending Room, &c.
B. Entrance to the Ascending Room.
C. Saloon for the reception of works of art.
D. Passage leading to the Saloon, Galleries, and Ascending Room.
E. F. Two separate Spiral Flights of Steps, leading to the Galleries, &c.
G. H. I. Galleries from which the Picture is to be viewed.
K. Refreshment Room.
L. Rooms for Music or Balls.
M. The Old Ball from St. Paul's Cathedral.
N. Stairs leading to the outside of the Building.
a. & b. Sky-lights. c. Plaster Dome, on which the sky is painted. d. Canvass on which the part of the picture up to the horizon is painted. e. Gallery, suspended by ropes, used for painting the distance, and uniting the plaster and the canvass. f. Temporary Bridge from the Gallery G to the Gallery e, from the end of which the echo of the building might be heard to the greatest advantage. g. One of Fifteen Triangular Platforms, used for painting the sky. h. Platforms fixed on the ropes of the Gallery e, used for finishing and clouding the sky. k. Different methods for getting at the lower parts of the canvass. l. Baskets for conveying colours, &c. to the artists. m. Cross or Shears, formed of two poles, from which a cradle or box is suspended, for finishing the picture after the removal of all the scaffold and ropes.
HARTLEY & SUGDEN'S
IMPROVED WROUGHT WELDED SADDLE BOILER
TO WHICH THE
GOLD MEDAL
WAS AWARDED AT THE
ROYAL HORTICULTURAL SOCIETY'S SHOW
AT BIRMINGHAM, JUNE, 1877.

"GOLD MEDAL BOILER"
REGISTERED TITLE.

A. Ashes Pit
B. Fire
C. Centre Flue
D. Right & Left Return Flues
E. Water-way Terminal End
F. Sliding Roof Door for Cleansing Flues, with Fire Brick Casing
G. Sludge Plugs for cleansing internal part of Boiler
H. Regulating Flues
I. Hollow Space round Boiler utilising heat given off from external surface of Boiler.

ENTERED AT STATIONERS HALL.
William Sugg & Co Ltd at the Crystal Palace Gas Exhibition in 1887

The huge fitting suspended from the roof of the building [middle left] is a 1200 Candle Power Argand lamp. The stand corner canopy banner proclaims "Only Gold Medal for Gas Burners, Paris 1878."
G. N. HADEN & SONS,
Engineers.

MANUFACTURERS OF
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Buildings of every description treated according to their special requirements,
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BY HOT WATER, WARM AIR, COMBINED AIR AND WATER, AND STEAM.

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BY MECHANICAL OR AUTOMATIC ARRANGEMENTS.

Other branches of Engineering Work carried out,
including Hot Water Service, Laundry and Cooking Work,
Engines, Pumps and Cold Water Supply,
Hydrant Service, &c. &c.

HOT WATER RADIATORS of special designs.

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Under the direction of Sir Arthur W. Blumfield ARSA

"I have much pleasure in stating that your system of ventilation has answered admirably in the Church of St. Mary Redcliffe."—Rev. Charles E. Cornish, Vicar, Church of St. Mary Redcliffe, Bristol.
THOMAS CRAPPER & CO.’S
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IMPROVED
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White Ware, fitted with combined Overflow and Waste, and $\frac{1}{4}$ Standard Screw-down Valves... £ 2 19 6
Plated Fittings, Extra ... ... ... ... 0 8 6

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If with 1½ in. valve ... ... ... Extra 0 3 6
" Ornamental Basin ... ... ... " 0 3 6
" White and Gold Basin ... ... ... " 0 8 9
" Box Enamelled inside ... ... ... " 0 4 9
" Box fitted with Brass Top ... ... ... " 0 6 3
" Box fitted with union to connect Ventilating Pipe ... ... ... " 0 3 9
" 4 in. outlet ... ... ... " 0 7 9

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Water Waste Preventer.

Cast-Iron 2 Gallon SYPHON WASTE PREVENTER, with Tranquil Inlet Valve, and Silencing Air Tubes, and Brass Chain and China Pull ... ... £ 1 1 6
Ditto, 3 gallon ditto ... ... ... ... £ 1 3 6

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COMMEMORATES 60 YEARS DEVOTED
TO "THE ART OF BOILERMAKING"

THE ART OF BOILERMAKING
THE STORY OF THE HEATING ENGINEERS

Published by the Heating and Ventilating Contractors Association on the occasion of its 75th Anniversary.
THE CIBSE HERITAGE GROUP CHRISTMAS LECTURE 1991

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ACT II - IN THE LIMELIGHT
The noted thespian Sir Richard Walsingham will discourse upon the wonders of the coming of the electric light and the revolution it created

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