



The Chartered Institute of
Plumbing and Heating Engineering

ANNUAL REPORT 2020



Founded in 1906, the Chartered Institute of Plumbing and Heating Engineering is the professional body for the UK plumbing and heating industry. A membership of over 7,000 individuals is made up of practitioners, consultants, specifiers, designers, public health engineers, lecturers, trainers and trainees.

The Trustees present their report with the financial statements of the charity for the year ending 31 December 2020. The Trustees have adopted the provisions of the *Statement of Recommended Practice Accounting and Reporting by Charities* issued in accordance with the *Financial Reporting Standard for Smaller Entities* effective 1 January 2015. In addition, Trustees have paid due regard to the Charity Commission's guidance on public benefit in determining activities The Chartered Institute of Plumbing and Heating Engineering (CIPHE) should undertake.

Registered Company number

RC000822 (England and Wales)

Registered Charity number

1124517

Registered office

64 Station Lane
Hornchurch
Essex RM12 6NB

Trustees

P N Gale BA Hons
N Jones BA ACA
P Massey (appointed 19/06/20)
D Brindley EngTech FCIPHE RP (ceased 19/06/20)
K McCallister EngTech MCIPHE RP
M Bridges EngTech MCIPHE RP
J Ailsopp MCIPHE RP
P Thom FCIPHE FRSA FCIM AIGEM
P Williams EngTech LCGI MCIPHE RP (appointed 19/06/20)

Honorary Company Secretary

M Rooze LLB

Presidents

Eurling C Northey FCGI FCIPHE RP (ceased 19/06/20)
M Gumbs EngTech MCIPHE RP (appointed 19/06/20)

Chief Executive Officer

Kevin Wellman EngTech FCIPHE RP

Auditors

Clemence Hoar Cummings
Chartered Accountants, Riverside House
1-5 Como Street, Romford
Essex RM7 4DZ

Solicitors

Penningtons Manches Cooper LLP
Matrix House, Basing View
Basingstoke
Hampshire RG21 4DZ

Bankers

Barclays Bank PLC
Knightsbridge Business Centre
PO Box 32014
London NW1 2ZG

Structure, governance and management

GOVERNING DOCUMENT

CIPHE is a company incorporated by Royal Charter, granted on 12 February 2008. It is a registered charity, obtaining charitable status on 16 June 2008. The Institute is governed by its Royal Charter and Bye-Laws. The Bye-Laws and Regulations are under constant review and were last updated in 2017, and future amendments will be carried out when necessary.

RECRUITMENT AND APPOINTMENT OF NEW TRUSTEES

Applications for Trusteeship are sought by advertisement.

INDUCTION AND TRAINING OF NEW TRUSTEES

After appointment, an induction is arranged for new Trustees. Trustees serve up to a four-year period and may be re-elected for a further four-year period. The Trustees meet at least five times a year to review the strategy and performance and to set the operating plans and budgets.

ORGANISATIONAL STRUCTURE

There are committees covering membership, professional standards and technical services. The Chief Executive Officer (CEO) is appointed by the Trustees to manage the day-to-day operations of the Institute.

RELATED PARTIES

The Institute is the registered owner of 100% of the issued capital of Plumbing and Heating Promotions Limited, which has been incorporated to carry out commercial activities relating to the promotion of exhibitions and similar activities. The Institute is also the registered owner of 100% of the issued share capital of GreenPlumb Limited and SafePlumb Limited, which have remained dormant since their respective incorporation.

RISK MANAGEMENT

The Trustees have introduced a formal risk management process to assess business risks and implement risk management strategies. The Trustees are pleased to report that the charity's internal financial controls, in particular, conform to guidelines issued by the Charity Commission. The Trustees are fully cognisant of their responsibility to evaluate and manage business risk, which they classified as:

- Governance and management
- Operational risks
- Financial risk
- Environmental and external factors
- Compliance
- Other risks not classifiable under the above headings.

The Executive team discuss and rate business risks as they are identified. On-going monitoring and updates on risk management is undertaken through reports provided by the CEO.

Objectives



OUR PURPOSE

The purpose of the CIPHE is to enhance the safety, health and wellbeing of the public through a strong qualified membership reinforced by their competency and technical expertise.

OUR MISSION

The mission of the CIPHE is to operate as an independent technical and professional focal point and be a catalyst for the plumbing and heating industry by providing technical and professional standards, expertise, education and technical innovation to the operatives within its scope.

OUR VISION

The vision of the CIPHE is to create technical excellence through which the public will receive the benefit of a protected environment and enhanced sustainability together with improved safety and health through the provision of correctly installed, commissioned, maintained and decommissioned plumbing and heating systems.

The aims of the CIPHE are summarised in four areas in the graphic above.

STRATEGIC PLAN

The Strategic Plan is fully reviewed each year. The Board approved the 2021-23 Strategic Plan, which continues to focus on a number of the key activities in support of its role as the Chartered body for the plumbing and heating industry.

Our strategy focusses on harnessing the considerable expertise available within the CIPHE, our membership and our industry colleagues. Together we work to promote best practice, create training opportunities, and enhance education within the plumbing and heating industry.

The CIPHE's prime aim is to advance for the benefit of the public the science, practice and principles of plumbing and heating engineering and in exercising its responsibilities to satisfy the requirements of the Charity Commission. It fulfils its objectives through several activities. A summary of these and key achievements follows:

Activities and achievements

PUBLIC BENEFIT

Public benefit is derived from the activities set out below particularly in raising the safety, health and environmental aspects of plumbing and heating engineering in the perception of the public.

COVID-19

The coronavirus pandemic had an immediate and long-lasting impact globally and its legacy will undoubtedly have far reaching implications for the future. Throughout the year CIPHE has provided guidance on minimising risks associated with the pandemic and post lockdown recovery.

Consumer support

The Institute continues to provide support to members of the public through telephone enquiries and through publication of articles in consumer magazines. In addition, it promotes the *Find a Professional* listing which is available through the CIPHE website.

Grenfell Tower fire disaster

The CEO continued to represent CIPHE on Working Group 1 dealing with competency of engineers. In response to the report of Dame Judith Hackitt, the Government published *Building a safer future: proposals for reform of the building safety regulatory system*. CIPHE continues to promote greater competency supported by recognised CPD across the construction industry and built environment.

Royal Academy of Engineering (RAEng)

CIPHE maintained its involvement with the RAEng and supported its response to the Government's Spending Review including a joint letter with other professional engineering institutes to the Chancellor of the Exchequer.

Home Office – points-based immigration

CIPHE responded to a request from the Home Office for observations on its proposed points-based immigration system. CIPHE offered a general note of caution regarding issues relating to the competency of all individuals entering the UK for work purposes. There are numerous occupations,

some of which directly impact on the safety, health and wellbeing of the public, that anyone regardless of qualifications or expertise can undertake.

It also observed that whilst competency has been at the forefront of lots of reviews, including post-Grenfell activities, it was important to ensure that all involved in the construction industry/ built environment are conversant with relevant legislation including Building Regulations, gas and water regulations/byelaws etc. Such 'relevant' competency should, of course, apply to the current workforce as well as those overseas workers who successfully relocate to the UK in the future.

Gas Safety Week

During September, the CIPHE added its support once again to the Gas Safety Week, raising consumer awareness of the dangers of using unqualified gas fitters.

Licensing

Whilst the COVID-19 pandemic has distracted attention from issues such as licensing there are plumbing related matters which reinforce the need for stringent controls in the plumbing and heating industry. An increase in hospital admissions for those suffering burns from pipes, radiators and appliances and also those scalded by hot water provides ongoing justification why the CIPHE will continue to promote and support registration campaigns at every opportunity.

Register of Plumbers – Public Register

The Worshipful Company of Plumbers established the Register, which gives the public access to qualified plumbers, in 1886. It helps protect public health and safety and promotes the competence and conduct of good plumbers.

In 1909, the Company handed over day-to-day management of its Register to the National Council for the Registration of Plumbers, which, in 1953, was renamed the Registered Plumbers Association.

When the Association amalgamated with the Institute of Plumbing in 1970, the Worshipful Company

relinquished the Register and award of the designation “Registered Plumber” to the new Institute.

As at 31 December 2020, 70,093 individuals had been entered onto the Register.

The Register of Plumbers is maintained in the Membership Department and is available for inspection by any member of the public by appointment.

Register of Heating Professionals – Public Register

Since its launch in January 2010, 857 members have been entered on to the Register of Heating Professionals.

WaterSafe – Public Register

The CIPHE continued its involvement with WaterSafe whose objectives are to contribute to the safety of drinking water supplies and protection of customers, by:

- Bringing together the seven existing Approved Contractors’ Schemes.
- Promoting good plumbing practice and compliance with the Water Supply (Water Fittings) Regulations and Scottish Water Byelaws.
- Providing easy access to online search facility listing approved and competent plumbing businesses.
- Reducing the risk to drinking water supplies from poor plumbing practice

2,731 businesses across the industry, employing 5,876 Approved Plumbers have now signed up to WaterSafe.

WaterSafe contributes towards public health by helping consumers to protect their drinking water and avoid rogue traders by offering them an accessible online directory of qualified plumbers.

Which? Trusted Trader

The relationship with *Which?* Trusted Trader was largely on hold during 2020 as the team on their side was on furlough leave. We have reviewed and are now aiming to get the CIPHE application process approved as a fast route into the Trusted Trader scheme. We have increased the volume of shared content passed between us and shared with each other’s audiences. As *Which?* is a consumer-facing organisation, it helps to get key messages of CIPHE’s in front of a larger audience. The collaboration between the two charities provides public benefit and helps raise awareness of the need for competent installers.

Insurance industry

The CIPHE continues to work with leading insurance underwriters with regards to water related issues including escape of water, Legionnaires’ disease, risk mitigation and competency of installers. Discussions continued with the Construction Insurance Risk Engineers Group looking at how competence and qualification can be recognised in insurance premiums and risk assessment.

CIPHE manifesto

The manifesto launched in December 2019 was distributed widely during the year and was received favourably, especially by the trade press.

Covering key issues such as the health, safety and welfare of the public, the environment, education, regulation and licencing, the CIPHE’s manifesto sits the plumbing and heating industry at the centre of many key areas of Government policy, such as health, education, housing, energy and the environment.

An updated manifesto will be launched in January 2021.

Supporting consumers through the Registration Authority

The Institute has a duty to investigate complaints that allege a member has not complied with the Code of Professional Standards to act professionally, competently and responsibly. Upon notification of such complaints, the complainant is required to complete a form, which is then submitted to the

Investigation Panel (IP) to proceed further. During 2020, the Panel investigated 11 complaints, referring two to the Disciplinary Committee.

The Disciplinary Committee impose sanctions on members when a complaint against them has been upheld. During 2020, two members were removed from membership for failing to adhere to the Code of Professional Standards.

EDUCATION

Educational Pathway

Career Pathways are promoted to students and members through the flowchart during presentations to Colleges and Approved Training Centres. The flowchart is available on the website via the following link: <https://tinyurl.com/w6qqvxl>. The academic year has been severely disrupted with the ongoing pandemic. This has led to everything we do being online. Many joint webinars have been held with City & Guilds as well as direct online contact, which is starting to become a success with new ATCs signing up. There was also great interest in the virtual reality/augmented reality applications, which are available under license to those colleges wishing to get access to advanced learning support resources.

The CIPHE has approval to deliver UVHW courses online and we are seeking to do similar with Water Regulations. Both courses require some digital development to transition across and should be available mid-2021.

The CIPHE Low Carbon Technical Working Group have been discussing the educational pathways required for both new entrants, mature students and for the upskilling of existing fossil fuel installers to enter the future low carbon sector.

Trailblazer Apprenticeship

The Plumbing and Domestic Heating Technician apprenticeship was launched in 2016, however very few providers took it up until September 2020.

There are assorted reasons why providers did not switch immediately to the new Standard, such as it being launched mid-way through the college year and the fact that funding for previous courses was still available for the academic year 2019/20. Also, the Gas Engineering Standard was available with a much more attractive funding package (£27k against £21k for the Plumbing Standard but was reduced to the equivalent amount after a review. Moreover, the scope and timescale for the gas training is half of that required to complete the Plumbing Standard). Feedback from colleges suggested that few liked a four-year route to achievement, and many wanted to keep the level two as a steppingstone or jump off point. Of greatest concern was that the Standard prevented applications due to the fuels/renewables being a key outcome that not all employers undertake.

Following engagement with the APHC they agreed to approach the Institute for Apprenticeships and Technical Education recommending a review of the framework be undertaken in 2021.

Educational development through competition

The CIPHE continues to support the HIP Learner of the Year annual competition. The CIPHE provides technical expertise in assessing the skills and competence of the competition entrants and this year acted as Head Judge. The CIPHE is recognised as a key sponsor alongside companies which contribute thousands of pounds to be there. The CIPHE gave online presentations to the college lecturers in attendance at the regionals and live finals, promoting Approved Training Centre status and encouraging the importance and value of CIPHE membership for trainers and trainees.

Continuing Professional Development and e-learning

A requirement of the Code of Professional Standards is that members should undertake CPD to broaden and maintain their knowledge and the CIPHE recommends that members should undertake 30 hours of CPD on an annual basis. CIPHE delivers many ways by which members can earn CPD



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hours, including via CPD articles in *P&H Engineering* magazine and online via the e-Learning Academy (www.ciphepd.org.uk). Members are issued with CPD certificates and the Institute can monitor the commitment made by members to CPD on an annual basis. Recording CPD is an important activity and is considered during membership upgrades. To assist with monitoring CPD the CIPHE supports mycareerpath®, which is an online professional development system, designed by the Engineering Council and adopted by many professional engineering institutions for use by their members.

The CIPHE digital project is incorporating techtalk® and smarttalk® content, providing informed technical and professional education and training across a range of subjects. The video content has collectively had 59,055 views to date. The CIPHE Plumbing Engineering Services Design Guide has been made freely available online for members and work to update the Guide section by section continues.

A website for the member magazine, *P&H Engineering*, is accessible at www.pandhengineering.co.uk.

Approved Training Centre

The CIPHE has revised its Approved Training Centre model to introduce a level that includes membership for the trainers and access to the digital training tools that have been developed too.

During the pandemic, the Institute has been delivering digital educational content for staff and for learners across its Approved Training Centre network.

INDUSTRY ENGAGEMENT

World Plumbing Council

As a consequence of the COVID-19 pandemic it was agreed to hold Executive Board meetings remotely to great effect. The profile and promotion of World Plumbing Day (WPD) increases year by year and with the need to maintain good hygiene to prevent the spread of viruses it is likely that WPD will have greater significance in the future. Many countries are reaffirming the need to use licensed plumbers to

safeguard plumbing systems and promote the fact that 'The Plumber Protects the Health of the Nation'.

The WPC General Meeting was held in December and attracted participants from around the globe. After the formal business was concluded a series of presentations took place by the World Health Organisation and the International Water, Sanitation & Hygiene Foundation. The meeting concluded with a panel discussion on 'Plumbing System Implications Related to the COVID-19 Pandemic'.

Construction Industry Council

Our engagement with the Construction Industry Council (CIC) increased substantially as we were called upon frequently for support and guidance with COVID-19 issues. As a result of contributions made the CIPHE was asked to produce the paper on 'Mitigating the Risk of Building Water Systems'. Other issues covered during the year included guidance on site operating procedures, recognition of critical workers, response to the final report 'Setting the Bar', response to the Migration Advisory Committee and the Government's Spending Review.

Industrial Associates

CIPHE is now partnering on projects with some of the Industrial Associates Development Group – this ranges from support for apprenticeships and training to product focused CPD, the low carbon agenda and shared priorities on matters of public safety and wellbeing and the plumbing and heating industry workforce. Regular Industrial Associate focused communications are included amongst the rest of our output to members. Feedback from Industrial Associates highlights their support for CIPHE key messages. They are gravely concerned regarding issues around the aging workforce, current and future skills-gap, professional routes into the industry and what this will mean for their businesses and their products and will provide channels to help CIPHE highlight them.

Research and technical



TECHNICAL STRATEGY GROUP

The Technical Strategy Group (TSG) operates as an independent technical and professional focal point and aims to be an authority to the plumbing and heating industry by providing technical standards, guidance, expertise and education and technical innovation. It achieves this through the appointment of Technical Working Groups; the following Groups have been established: Water Safety; Heating; Controls, Hot and Cold Water Services and Above and Below Ground Drainage. In addition to this, the CIPHE have engaged in a wide variety of technical industry group meetings ensuring both the installer and consumer are being represented correctly. This includes future updates to the building regulations and other matters associated with both water safety and the future of heat in buildings.

Legionella risk assessment in domestic properties

The CIPHE Water Safety Group have developed a guide for assessing the risks associated with legionella in domestic properties. The document is available to purchase from Head Office.

Renewables and Low Carbon Technical Working Group

CIPHE continues to lead a group of industry stakeholders to review the challenges and opportunities surrounding the decarbonisation of heat for the UK to meet its legal binding target of net zero emissions by 2050. An outcome from the Group is the development of a low carbon heating course for installers which is anticipated to be available early in 2021. The course has attracted interest from the Minister of State at the Department of Business, Energy and Industrial Strategy.

Education

The technical team have contributed to a range of educational matters including the development of qualifications in Wales, T Levels and training provision in association with a leading manufacturer to support apprentices. CIPHE also advises government on the future of heat in the UK through the Electrification of Heat Task Group and the MHCLG Minimum Technical Competence Group for Heating and Hot Water.

Membership and promotion

MEMBERSHIP AND ENGINEERING COUNCIL

The total membership as at 31 December 2020 was 7,158.

793 membership applications were received in total throughout 2020 with 769 being accepted and enrolled into membership. This included six Industrial Associates and one ATC.

During 2020, 42 applicants were registered at EngTech level and four at CEng level.

As at the end of 2020, the Institute had 816 Engineering Technicians, 89 Incorporated Engineers and 14 Chartered Engineers.

MASTER PLUMBER CERTIFICATE

The Master Plumber Scheme was introduced in 2001 to recognise excellence in the art, craft, science and practice of plumbing. On 2nd March, Mansion House hosted the Master Certificate awards for construction liveries at which The Rt Hon The Lord Mayor, Alderman William Russell presented several certificates across the construction sector. Keith Walklate EngTech MCIPHE RP, Andrew Mensley EngTech MCIPHE RP and James Hendry EngTech FCIPE RP received their Master Plumber Certificates at the event.





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The CIPHE continues its calls to establish long-term strategies which will combat the fuel poverty epidemic.”

EXHIBITIONS

During 2020, the Chartered Institute of Plumbing and Heating Engineering exhibited at PlumbExpo Alexandra Palace and Manchester. Due to the pandemic the regular PHEX exhibitions did not take place.

PROMOTIONAL CAMPAIGNS

The CIPHE worked closely with the plumbing and heating trade press, who consistently assisted in promoting the *Proud to be a Professional* and customer safety, health and wellbeing campaigns and provided significant coverage on the CIPHE manifesto.

Fuel poverty

The CIPHE continues its calls for greater levels of communication between government and organisations such as the CIPHE to establish long-term strategies which will combat the fuel poverty epidemic. The CIPHE and its membership is dedicated to safeguarding the most vulnerable in society, and that includes those living in fuel poverty. The Government must seek to protect these people; only by working together can we stop the unnecessary and highly preventable deaths attributable to this issue.

Digital/membership engagement strategy

COVID-19 delayed the launch of a new digital platform until 2021, but work has continued to progress. Milestones hit through 2020 included the migration to a new operating system and cloud-based hosting and the introduction of new accountancy software.

WEBSITE STATISTICS

The CIPHE website had 110,178 visits during 2020, up by 18.5% on the previous period (which itself was up by 11% on the previous year). This was distributed across 83,312 different users, up by 20% on 2019 (which was up by 17% on 2018).

In 2020, 229 members completed 1,106 courses totalling 395 hours on the CIPHEpd website.

SOCIAL MEDIA

The CIPHE is active on social media and at the year-end had increased its Twitter following by 3% to 9,749, its Facebook followers by 30% to 1,948 and its LinkedIn Company page followers by 71% to 1,180 followers.



ANNUAL GENERAL MEETING

The twelfth annual general meeting of CIPHE was held on Friday 19 June 2020. Due to COVID-19, the AGM was held via Zoom conference facilities, which gave our members worldwide the opportunity to participate. Melville Gumbs was elected as National President and Dr Henry Hung as Vice-President. Paul Massey was appointed as Independent Trustee and Paul Williams was elected as a Voting Member Trustee, both to serve on the Board for four years.

Financial review

Reserves policy

The Trustees regularly review the reserves of the charity to meet its financial commitments and achieve its objectives. They consider that the charity had sufficient reserves to operate for the next 12 months and into the foreseeable future.

The prime objective of the reserves policy of the Trustees is to maximise CIPHE surplus funds which are held in a range of interest bearing bank accounts. In particular the General Fund is invested with due regard to potential calls on the fund as identified in the Strategic Plan.

Investment policy and objectives

The Institute has the power to make any investment that the Trustees see fit.

Acknowledgement

The CIPHE 2020 Trustee Report is structured around our key objectives and highlights key activities throughout the year. Acknowledgement and appreciation must be given to the Trustees, Presidents, Branches, volunteers, staff and industry stakeholders who have assisted the CIPHE throughout the year.

Your commitment and enthusiasm in supporting our aims and activities has challenged, motivated and inspired the CIPHE to progress and we look forward to working closely with you in the coming years.

Statement of trustees' responsibilities

The Trustees are responsible for preparing the financial statements in accordance with applicable law and UK Generally Accepted Accounting Practice.

The Trustees are required to prepare financial statements for each financial year which give a true and fair view of the state of affairs of the Charity and of the incoming resources and application of resources, including the income and expenditure, of the Charity for that period. In preparing those financial statements, the Trustees are required to:

- review, update and, if necessary, ensure they acquire the necessary skills to discharge their responsibilities as a Trustee;
- review the declaration of interest at each meeting;
- select suitable accounting policies and then apply them consistently;
- observe the methods and principles in the Charity SORP;
- make judgements and estimates that are reasonable and prudent;
- prepare the financial statements on the going concern basis, unless it is inappropriate to presume that the Charity will continue in business.

The Trustees are responsible for keeping proper accounting records, which disclose with reasonable accuracy at any time, the financial position of the Charity, to enable them to ensure that the financial statements comply with the requirements. They are also responsible for safeguarding the assets of the charitable company and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

Statement as to disclosure of information to auditors

As far as the Trustees are aware, there is no relevant information of which the charity's auditors are unaware, and each Trustee has taken all the steps that they ought to have taken as a Trustee, in order to make them aware of any audit information and to establish that the charitable company's auditors are aware of that information.

Auditors

The auditors, Clemence Hoar Cummings, will be proposed for re-appointment at the forthcoming Annual General Meeting.

On behalf of the board of trustees:

By order of the Board of Trustees, Nick Gale BA Hons, Chairman, 10 March 2021.

Summary statement of financial activities for the year ended 31 December 2020

	2020 total funds (£)	2019 total funds (£)
Income and endowments from charitable activities		
Educational magazines and directory	26,968	34,296
Maintaining professional standards and awareness	810,219	789,081
Other trading activities	33,441	54,579
Investment income	4,182	7,045
Other income	9,245	–
Total	884,055	885,001
Expenditure on		
Raising funds	2,489	1,457
Charitable activities		
Educational magazines and directory	182,461	182,389
Support services for members	360,263	361,459
Maintaining professional standards and awareness	377,334	424,742
Total	922,547	970,047
Net income/(expenditure)	(38,492)	(85,046)
Reconciliation of funds		
Total funds brought forward	1,345,818	1,430,864
Total funds carried forward	1,307,326	1,345,818

Summary of balance sheet for the year ended 31 December 2020

	2020 total funds (£)	2019 total funds (£)
Fixed assets		
Intangible assets	136,568	27,143
Tangible assets	799,019	794,862
Investments	3	3
	935,590	822,008
Current assets		
Stocks	6,785	5,262
Debtors	23,423	35,981
Cash at bank	847,676	1,013,683
	877,884	1,054,926
Creditors		
Amounts falling due within one year	(506,148)	(531,116)
Net current assets	371,736	523,810
Total assets less current liabilities	1,307,326	1,345,818
Net assets	1,307,326	1,345,818
Funds		
Unrestricted funds:		
General fund	584,341	622,833
Valuation reserve	722,985	722,985
	1,307,326	1,345,818
Restricted funds	–	–
Total funds	1,307,326	1,345,818

PROUD TO BE A PROFESSIONAL

Founded in 1906, the Chartered Institute of Plumbing and Heating Engineering is the professional body for the UK plumbing and heating industry. A membership of over 7,000 individuals is made up of practitioners, consultants, specifiers, designers, public health engineers, lecturers, trainers and trainees.

OUR AIMS AND OBJECTIVES

Public safety and health

To benefit and educate the public worldwide by:

- Defining and monitoring professional standards
- Compiling and publishing a list of competent persons
- Co-operating with professional, research and educational bodies.

Research

To promote study, research and publication by:

- Encouraging research groups in building engineering services
- Supporting technical advances within the industry
- Publishing research and development papers.

Education

To further education of the profession, worldwide by:

- Advocating technical training programmes with colleges and the industry
- Publishing and selling technical guidance, and supporting new and emerging technologies
- A commitment to lifelong learning and continuing professional development in a rapidly evolving environment.

Membership

To support members and grow membership by:

- Setting basic standards and enabling progression through higher professional development
- Assisting with career development from traineeships and apprenticeships to Chartered Engineers
- Encouragement to achieve recognition through Apprentice, Journeyman and Master Plumber Awards, Engineering Council registration, and career goals through CPD attainment.

The Chartered Institute of Plumbing and Heating Engineering

A company incorporated by Royal Charter.
Registered as a charity number 1124517. VAT number GB 927 5276 00.