



## SoPHE Newsletter Issue No.1 October 2002

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**The Society of Public Health Engineers is a part of the Chartered Institution of Building Services Engineers (CIBSE):**

**Chairman: Martin Shouler**  
**Email** [shoulerm@bre.co.uk](mailto:shoulerm@bre.co.uk)

**Honorary Secretary: Chris Northey**  
**Email** [cnorthey@zbp.co.uk](mailto:cnorthey@zbp.co.uk)

### WHAT IS SoPHE?

At the end of the year 2000 a ballot was held to assess the strength of feeling by PH Engineers who had been attending the PH Group CPD meetings in the forming of SoPHE

The aim of the society is to provide a focus for public health engineers with a higher profile than CIBSE was able to provide under its charter and to fill the professional gap into which public health engineers have fallen.

I will remind you that at that time we had four stages to go through

- Obtain and demonstrate support of existing members (98% in favour)
- Prepare a Business plan
- Obtain approval of CIBSE Council
- Implement the proposal

The first three tasks have been achieved and we are now in the implementation stage

The Society will have its own class of membership independent of those of CIBSE and will be able to provide designator letters to those who are suitable, qualified and experienced in Public health engineering.

The group members will, if they are not already members of CIBSE be admitted as affiliates which will ensure that members receive the monthly Building Services Journal and other CIBSE membership benefits, discounts etc.

A society charge of £10-£20 over and above the lowest cost membership will enable us to fund a greater level of activity that is possible at present.

It is our intention to have a membership class for Patrons (companies) which will also be a source of income.

The designator letters for Society members will be benchmarked for experience, City and Guilds, ONC/HNC, B Eng etc. See back page for further details

### MESSAGE FROM THE CHAIRMAN

Welcome to the first issue of the Society of Public Health Engineers (SoPHE) newsletter which we hope to publish on a three monthly basis. The success of this document is dependant on member's comments and contributions and I trust that you find this first issue both informative and interesting

**The Steering Group** has been developing and the following appointments have been made to head up the three groups of the society. Over the past year, the Steering Group has been active in facilitating the move from the PHE Group to the status of a Society within CIBSE.

#### **Technical Group**

Eric Mitchell is Chairman assisted by Alan Neall, Alison Franklin, Roger Baker and David Shaw.

#### **Communications Group (Events, society journal)**

Chaired by Alan Watson assisted by Jim Buckmaster and Richard Curran.

#### **Membership Group (Education and Membership)**

Is chaired by me assisted by Chris Northey, Richard Curran and Bill Bumstead.

As a new Society within CIBSE we need committed engineers to assist in its development.

Each of these groups will develop and require assistance and contributions from the society members. Please contact them on their e-mail addresses given in this newsletter under useful contacts.

Membership packs with routes to the different grades of membership explained are now available from CIBSE. All existing members of the PHE Group transfer to the Associate grade of SoPHE. The following grades of membership are available: Student, Affiliate, Member, Fellow, Commercial/Industrial.

Martin Shouler

## HOW TO JOIN

See page 4 of this newsletter for details on the grades of membership for the Society.

## EVENTS

### Forthcoming Technical Presentation Evenings

Date: 7<sup>th</sup> November 2002  
Venue: O'Neills Function Room  
Conway Street, London  
(Unless otherwise stated)  
Start Time: 6.30pm (1 Hour)  
Presenter: **Hydrotec UK Limited**  
Alan Flight/DerekPearsall

Technical overview of physical water conditioners and ultra violet disinfection. Theory, application, followed by a question and answer session.  
CPD (1 Hour) *Credit Certificated event*

Date: 26<sup>th</sup> November 2002  
Venue: O'Neills Function Room  
Conway Street, London  
(Unless otherwise stated)  
Presenter: **A O Smith** (Water Products Co.)  
Ian Roberts/Glenn Reed

Assessing, sizing of direct and storage type hot water heaters for commercial/industrial applications, giving consideration to latest Building Regulations.  
CPD (1 Hour) *Credit Certificated event*

Date: 25<sup>th</sup> February 2003  
Venue: O'Neills Function Room  
Conway Street, London  
(Unless otherwise stated)  
Presenter: **Vernagene**  
Gary Smith/colleague

Chlorine dioxide. Disinfection. Understanding the principles of dosing with consideration to Health & Safety aspects.  
CPD (1 Hour) *Credit Certificated event*

Date: 29<sup>th</sup> April 2003.  
Venue: O'Neills Function Room  
Conway Street, London  
(Unless otherwise stated)

Presenter: **New Haden Pumps**  
Paul Warman/colleague

The design/sizing of both foul and surface water pump sump chambers and stations, with regard to BS/EN codes, Health & Safety.

Date: 20<sup>th</sup> May 2003.  
Venue: O'Neills Function Room  
Conway Street, London  
(Unless otherwise stated)

Presenter: **Allan AQUA Limited**  
Brian Burke (Jnr. & Snr.)

Detailed design principles for boosted water and fire services, relating specifically to high rise buildings. This would address specific advanced (7 days) written questions enabling an open discussion to develop. Variable speed and fixed speed package unit to be evaluated.

### **OTHER OPTIONS BEING CONSIDERED FOR FUTURE PRESENTATIONS**

- A) Understanding and evaluating Health & Safety Risk Assessments relating to PHE work.
- B) Contract documents for PHE works with regard to responsibilities, duties and penalty clauses, etc.
- C) Asbestos and the risk associated (H & S).
- D) Sizing of small/medium sewage treatment package works, BOD, COD, etc.
- E) Minimising the risks of Legionella. HSC Doc. L8.
- F) Sizing principles of syphonic rainwater systems.

### **PREVIOUS TECHNICAL EVENTS THIS YEAR (2002)**

- 1 **TYCO/WORMALD FIRE SYSTEMS.** Life and Building Fire Protection. (26.03.02) Technical information pack will be issued to all who attended, after legal check has been carried out.
- 2 **MARLEY PLUMBING.** Sanitation sizing to BS 12056, Part 2. (27.05.02). Technical sizing. Example document issued to all who attended.

## PUBLICATIONS

CIBSE Guide G Public health engineering

CIBSE Guide C Reference data

CIBSE Guide F Fire engineering

CIBSE Guide H Building control systems

A complete list of CIBSE Publications and price list is available from the CIBSE website [www.cibse.org](http://www.cibse.org)

Later this year CIBSE Guide B will have been totally revised and reissued in five Volumes two of which have been issued B2 and B5 and three which will be issued over the next few months i.e. Heating, Ductwork and Refrigeration.

## USEFUL WEBSITES and e-mails.

[www.cibse.org](http://www.cibse.org)

**Technical Group** - Eric Mitchell  
eric.mitchell@hadenyoung.co.uk

**Membership Group** - Martin Shouler  
shoulerm@bre.oc.uk

**Communication Group** - Alan Watson  
awatson@cibse.org

## FEEDBACK

We would welcome any comments on this newsletter or contributions to future editions. Please email comments to Alan Watson [awatson@cibse.org](mailto:awatson@cibse.org) or write to Alan at 222 Balham High Road. London SW12 9BS.

## NEWS AND INFORMATION

(Old and New)

1 New Building Regulations changes/ modifications/amendments

Document 'H' Drainage

Document 'J' Combustion appliances and fuel storage systems

Document 'L' Conservation of fuel and power in dwellings

2 Material changes occurring (PVC-u/MaPVC)

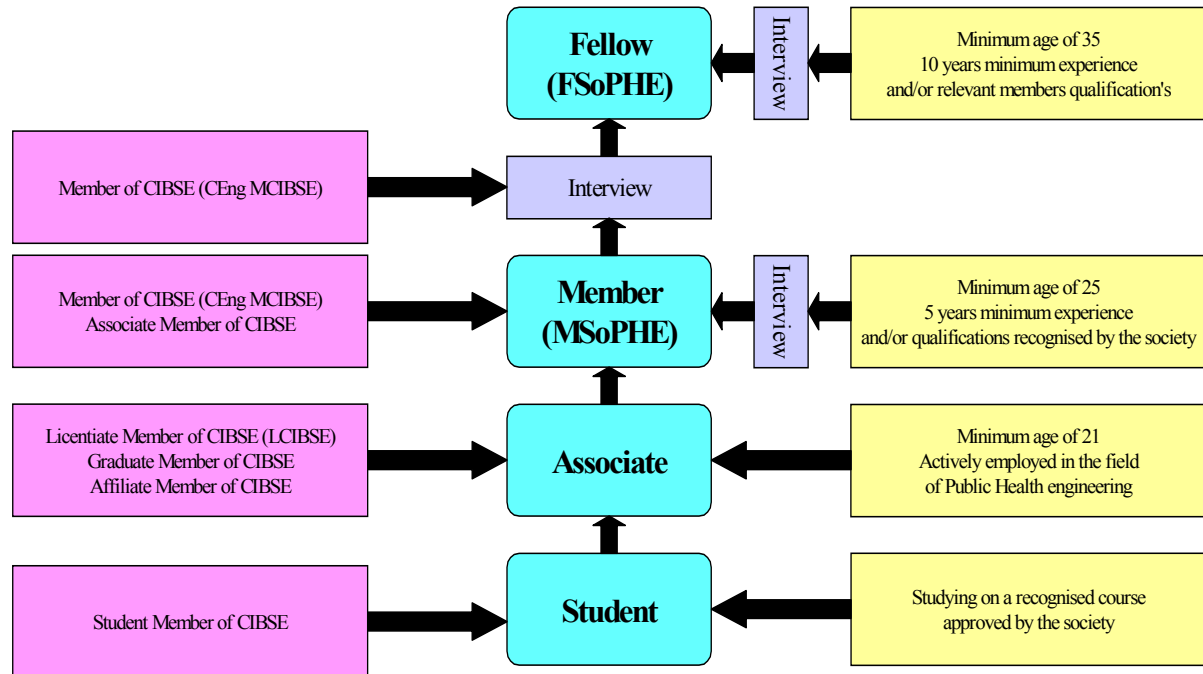
Soil and waste pipe work BS4514,5255 and 5254 are being phased out. New replacements BS/EN 1329, 1451 and 1455. Contact major manufacturer for phasing dates.

3 All new water service designs and installations must comply to Water Services and Fittings Regulations 2000

4 Legionnaires Disease. See HSC document L8. The control of Legionella bacteria in water systems.

5 **Note:** In forthcoming publications an item may be allocated for a manufacturer to advertise a new technical product, or event. To be confirmed.

## The Society of Public Health Engineers Membership Tree



To find out more about CIBSE and the Society of Public Health Engineers go to the CIBSE website [www.cibse.org](http://www.cibse.org) or write to:

CIBSE  
Society of Public Health Engineers  
222 Balham High Road  
London  
SW12 9BS

Tel 020 8675 5211  
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