



# Newsletter: Summer 2013

**“Don’t judge each day by the harvest you reap, but by the seeds that you plant.”  
- Robert Louis Stevenson**

---

## **MEET OUR STAFF**



### **Miranda Boyce - Membership Recruitment Administrator**

Miranda joined the Institute in February 2013 as Membership Recruitment Administrator. She will be focusing on initiating recruitment campaigns and liaising with colleges, promoting benefits of CIPHE membership to both students and trainers alike. Miranda spent her early childhood abroad - attending schools in Portugal, Luxembourg and Papua New Guinea before returning back to England to complete her education. You can contact Miranda directly on: [mirandab@ciphe.org.uk](mailto:mirandab@ciphe.org.uk) or 01708 463114



### **Gary Mann - Technical Officer**

Gary also joined CIPHE in February and deals with technical enquiries from members, industry and the public. He is jointly responsible for accreditation of new and existing courses for the benefit of members. He has served the industry in many roles, from craft apprentice to site foreman, technical officer in planning, estimating and design of piped services. Gary has also invested over two decades teaching at a Further Education College and a private software company specialising in heating design and pipe sizing for hot and cold water and gas installation. Gary has been a member of the CIPHE for ten years and was awarded a bronze medal by the CIBSE for services to the industry in July this year. He enjoys music, plays guitar and still tries to get a tune from his pipes. Gary can be contacted at [garym@ciphe.org.uk](mailto:garym@ciphe.org.uk) or 01708 463106

## **Presidential Booking Form**

If you have an event that you would like the new CIPHE National President, Dr Steve Ingle to attend, please complete the booking form (please see attached pdf) and send it to [catherines@ciphe.org.uk](mailto:catherines@ciphe.org.uk) (01708 463112)

## **Be Alarmed!**

Recently one evening our carbon monoxide alarm went off at home. Never having heard it before I was very concerned and rightly so unfortunately! I turned off the boiler and opened all the doors and windows just in case. My mum had felt faint and sick in the morning; I'd had a headache and stomach ache but had put that down to possibly something we'd eaten. One of my Labradors had also been sick and had looked very poorly all day (no, she hadn't had any of my cooking!) I called in our plumber to check the boiler – an old free-standing gas-fired boiler – located in a cupboard in the dining room. He carried out various tests and subsequently condemned our boiler and we've since had a new condensing boiler installed. A trip to A&E for us and a trip to the vet for my dog, confirmed that we'd all got carbon monoxide poisoning!

Carbon monoxide has no smell or taste and can't be seen. If we'd not had an alarm we wouldn't have known we were being poisoned and could easily have become more seriously ill or possibly died! Please make sure you have a carbon monoxide alarm in your home. Don't become another victim.

Cathy Swain, Secretary to CIPHE CEO and Operations Manager



Please pledge your support to the charity's 8<sup>th</sup> **National Carbon Monoxide Awareness Week** on 18<sup>th</sup> – 24<sup>th</sup> November 2013. Please see the attached pdf for information.

We're supporting **Gas Safety Week** taking place 16<sup>th</sup> – 22<sup>nd</sup> September 2013. To raise awareness and show your support there is a brand new Gas Safety Week website full of information to help you get involved. Check it out at: <http://www.gassafetyweek.co.uk>



## **TECHNICAL**

### **A recent Press Release: Raising Awareness**

European legislation, which will cut the permissible levels of lead in drinking water, will come into force in December 2013. At present, the allowance is 25 micrograms to one litre of water; this will be reduced to 10 micrograms per litre.

Lead is used in the manufacture of many plumbing pipes and fittings, including copper, brass and some plastics. John Griggs, Principal Science Officer for the Chartered Institute of Plumbing and Heating Engineering (CIPHE) is concerned that the new legislation may catch out some manufacturers.

“Manufacturers and suppliers of plumbing materials need to be aware of the issue and action may need to be taken to ensure that their products meet all the relevant UK and European Legislation. Installers need to be conversant with the facts and not do anything that impacts upon the quality of the supplied water.”

Although the water supplied to a building may be ‘wholesome’, the plumbing fittings within the building can degrade the quality. Testing for levels of contaminants in drinking water will be carried out at the consumer’s taps, not the boundary of the property.

There are health risks relating to the way lead can build up in the body. Infants and children are the most vulnerable to the effects of lead due to their low body mass and developing organs. It could impact on mental development and may also be a factor in behavioural problems.

John would be very interested to hear from manufacturers involved with pipes and fittings to find out what they have done to reduce levels of lead in their products. John can be contacted on email at [john@ciphe.org.uk](mailto:john@ciphe.org.uk)

### **Misconnections between the foul and surface water systems**

The Water Companies of the UK, the Environment Agency and the CIPHE are all working together under the title of “The National Misconnections Strategy Group”. The aims of the group are to correct existing contraventions, prevent future misconnections and raise awareness of the problems caused by misconnections. These are caused

by connecting foul water from our properties into surface water drains and also connecting surface water pipes to foul water drains, which can result in overflowing of the sewers in times of storm and polluting the environment. For more information see; <http://www.ciphe.org.uk/Consumers/ConnectRight/>

This initiative has potential work for our members, either by recognising existing problems whilst on a contract, or by customers contacting our members to check if they have any misconnections on their property. Misconnections is an offence under S85 Water Resources Act and can attract a £20,000 fine and/or 6months in prison, for causing or knowingly permit it to happen.

### **An extract from the current Water Demand Management Bulletin, published by the Environment Agency**

#### **LUNA**

The CIPHE Technical Committee is developing a project *Loading Unit Normalisation Assessment* (LUNA) to examine loading units used for sizing hot and cold water systems.

Since the *Loading Unit Method* was developed over forty years ago, systems have evolved dramatically through the increased use of appliances, mains fed systems and the demand for increased water efficiency. New WCs use as little as 2.5 litres and showering is now much more popular than bathing.



Optimising system sizing will result in significant carbon savings and make use of modern plumbing techniques and technologies.

The work is at a planning stage and interested participants would be welcome, especially if part sponsorship of the work could be offered. For more details contact Gary Mann at [garym@ciphe.org.uk](mailto:garym@ciphe.org.uk)

**The following British Standards are out for comment at the moment. If you would like to respond to BSI on behalf of CIPHE and can do so within the time available, please let John know so that detailed instructions can be provided. [johng@ciphe.org.uk](mailto:johng@ciphe.org.uk)**

[If you can not comment, but would subsequently like to become involved in the process of Standards writing through representing CIPHE and participating at BSI committee meetings, please also contact John with your CV]

ENISO 10239 **Small craft - Liquefied petroleum gas (LPG) systems.** Review end date: 26 Aug 2013

EN 331 **Manually operated ball valves and closed bottom taper plug valves for gas installations for buildings** Review end date: 31 Aug 2013

BS 6798 **Specification for selection, installation, inspection, commissioning, servicing and maintenance of gas-fired boilers of rated input not exceeding 70 kW net** Review end date: 31 Aug 2013

BS 8515+A1:2013 **Rainwater harvesting systems - Code of practice** Review end date: 31 Aug 2013

EN 15603 **Energy performance of buildings - Overall energy use and definition of energy ratings** Review end date: 31 Aug 2013

EN 12309-2 **Gas-fired absorption and adsorption air-conditioning and/or heat pump appliances with a net heat input not exceeding 70 kW Part 2: Safety** Review end date: 31 Aug 2013

EN 16578 **Sustainability assessment. Ceramics sanitary appliances** Review end date: 31 Aug 2013

EN 13384-1 **Chimneys. Thermal and fluid dynamic calculation methods. Chimneys serving one heating appliance** Review end date: 31 Aug 2013

EN 13384-2 **Chimneys. Thermal and fluid dynamic calculation methods. Part 2. Chimneys serving more than one heating appliance** Review end date: 31 Aug 2013

EN ISO 14414 **Pump system energy assessment** Review end date: 31 Aug 2013

BS 5918 **Solar heating systems for domestic hot water – Code of practice** Review end date: 31 Aug 2013

BS 8888 **Technical product documentation and specification** Review end date: 30 Sep 2013

BS 7977-1:2009+A1 **Specification for safety and rational use of energy of domestic gas appliances – Part 1: Radiant/convectors** Review end date: 30 Sep 2013

EN 1111 **Sanitary Tapware. Thermostatic Mixing Valves (PN 10). General Technical Specification** Review end date: 06 Oct 2013

EN 1287 **Sanitary Tapware. Low pressure thermostatic mixing valves. General Technical Specifications** Review end date: 06 Oct 2013

### **Latest on Fire Sprinklers in Wales - Domestic Fire Safety**

As a former industrial fire fighter I am personally committed to implement the Domestic Fire Safety (Wales) Measure which was passed by the National Assembly in February 2011. I am grateful to the construction industry and the fire-related safety sector for their continued interest in this issue.

Fire sprinklers in new residential properties will prevent death and injury to householders and firefighters. However, at a time when resources are tight, I have decided to focus effort initially at high risk properties where this measure will have the greatest impact.

From April 2014, the regulations will apply to high risk properties such as care homes, new and converted student halls of residence, boarding houses and certain hostels and from January 2016 to all new and converted houses and flats. This phasing will allow the housebuilding industry to gain experience and skills, and gives the sector the opportunity to innovate and reduce the costs of installing sprinklers. The approach will continue to set Wales apart as a leader in promoting fire safety.

17<sup>th</sup> July 2013 Carl Sargeant, Minister for Housing and Regeneration  
(<http://wales.gov.uk/about/cabinet/cabinetstatements/2013/homebuilding/?lang=en#> )

### **Commercial Hot Water Heating Products Survey**

#### **Complete the Survey and enter the prize draw to win an Ipad**

"We are conducting an industry review of Commercial Point of Use Water Heating Products and would very much appreciate hearing your views.

All respondents will be entered into a prize draw and one winner will receive a black iPad 2 Wi-Fi 16gb.

The closing date of this survey is 30th September 2013."

"Please click on the link below to begin the survey:"

<http://thor-research.CommWaterHeating.sgizmo.com/s3/>

### **Benefits for Members**

The Sole Trader Business Group is a new Industrial Associate **providing benefits for members**. Sole Trader Websites is the UK's leading low cost website provider. Whether people require some basic plumbing or a complete central heating service – chances are they will use their smartphone to search on Google in their local area. That's why we use Google Local Service to optimise all of our websites for local searches. All of our websites are expertly coded so that they re-adjust and resize to look perfect on every platform: desktop pc's, tablets and smartphones. The website package costs £149+VAT (for CIPHE members only £141.55+VAT). For an example go to [www.plumberexample.co.uk](http://www.plumberexample.co.uk). To get the discount, use the coupon code 'CIPHE5' across our whole site or quote the code on the phone to one of our team. Contact us on 08000 124 424 or visit [www.soletraderbusinessgroup.com](http://www.soletraderbusinessgroup.com)

## **TRAINING**

**Legionella Management Seminar**: The revised ACoP (L8) Rules; what impact will the changes have on you? Immerse Training are hosting a one-day Q&A event on 11 September in Solihull. Please see the attached pdf flyer for more information.

**The Conservation of Historic Leadwork CPD Accredited Course** by CIPHE and the WCP for those who are professionally involved with historic buildings. The course on 27<sup>th</sup> September will provide an introduction to the principles and practices used in the conservation and repair of historic leadwork to be found on listed buildings. For more information and to book your place please contact Catherine Swain 01708 463112 or [catherines@ciphe.org.uk](mailto:catherines@ciphe.org.uk)



## **CONGRATULATIONS**

Bernard Bateman MBE, former CIPHE President (1980-81) and Leeds Branch committee member has been elected as Chairman of North Yorkshire County Council for the year 2013-14.

Bernard, who is 69, began his career in local government as a member of Cardiff City Council. He moved from Wales to North Yorkshire in 1978 when the company he worked for appointed him Sales and Marketing Director of Yorkshire Heating Ltd, later to become Plumb Center.

He has been the chief executive of a number of companies, is a Freeman of the City of London and in 1989 was appointed an MBE for services to industry. He lives at Melmerby, near Ripon.



Bernard and his wife Linda

## **Challenge 2013 Lake Windermere**

On the 15<sup>th</sup> December 2012 my good friend and work colleague Martyn Green lost his battle to Cancer and all at R F Blount miss him very much. Martyn was admitted to Cransley Hospice where the dedicated staff helped him deal with the Cancer and made him comfortable. Cransley Hospice is so valuable to the local community and requires all the help we can give, especially during the present economic climate.

Most of us sometime in our lives have had to deal with the damage Cancer causes and it is about time the human race fought back and conquered this awful disease. We can help by supporting Cancer Research UK. In memory of Martyn I am attempting to swim Lake Windermere situated in the Lake District. The distance to swim is 10.5 miles which was very scary back in December 2012 when I decided to take on the challenge. With a wee bit of training the swim is still scary, however I believe with only a few weeks to go it is possible. Whilst I am swimming I have plenty of time thinking of all the good times spent over the 20 years working with Martyn.

Please help me beat Cancer or care for Cancer sufferers by sponsoring this challenge. Click on either of the links below or alternatively email me your kind response.

<http://www.justgiving.com/Nick-Blount> -(Cransley Hospice)

<http://www.justgiving.com/Nick-Blount1> -(Cancer Research UK)

Thank you and God Bless

Nick Blount, Director *for and on behalf of* **R.F. Blount & Sons Ltd. Plumbing, Heating & Electrical Specialists**  
Unit 2, A1-M1 Business Centre Garrard Way, Telford Way Industrial Estate Kettering, Northants, NN16 8TD **Office:**  
01536 5140460 **Email:** [nick.blount@rdblount.co.uk](mailto:nick.blount@rdblount.co.uk) **Web:** [www.rdblount.co.uk](http://www.rdblount.co.uk)

## **IN MEMORIAM**



Earlier this year we heard the sad news that **Frederick George William Taylor Hon MCIPHE RP** had died. Fred was born in 1928 and joined the Institute back in 1949. He was a long-serving member of the Leicester Branch Committee and held several positions during his lifetime. He was a unique character in the industry, with great enthusiasm and was meticulous to detail throughout his career; he applied these skills on behalf of the Leicester Branch. Fred's passing is an immense loss for the Institute and the industry which he served magnificently through his career.

We also heard of the sad passing of **Malcolm Phillips Hon FCIPHE RP** who was 98 years old. He served as President in 1972 – 1973 of what was then the Institute of Plumbing. Malcolm helped to establish PPL and was heavily involved with our exhibitions for many years.

Our sympathy goes out to their family and friends.

# Legionella management: The revised ACoP(L8); what impact will the changes have on you?

Immerse Training are hosting a one-day Q&A event on 11 September where you will have the chance to question a panel of industry experts on all aspects of the revised document and any other related areas of concern.

## Who is on the panel?

- Chairman: Mike Hunter – Chair of the Water Management Society
- John Newbold – Specialist in the control of occupational legionellosis
- Dr Paul McDermott – Specialist in the control of occupational legionellosis
- David Harper – Independent Consultant
- Dr Suzanne Lee – Independent Consultant



## Why should I come?

Hear first-hand from the people who shaped the new Approved Code of Practice & Technical Guidance and participate in an open Q&A forum with them.



## Who should attend?

Anybody with an interest in or responsibility for legionella management.

## How much will it cost?

£99 inc. VAT, can you afford to miss this event? **Limited places strictly on a first come, first served basis**

To reserve your place please contact [alain@immersetraining.org](mailto:alain@immersetraining.org) as soon as possible

Keep up to date with the event on our website [www.immersetraining.org](http://www.immersetraining.org)

## The agenda

The field of Legionella & other waterborne disease control is vast. This event provides a unique opportunity for you to influence the discussion topics for the day so that you can obtain the maximum benefit for you and your organisation.

Think about those topics that are of most interest to you or that give you most concern and email your questions to us at [info@immersetraining.org](mailto:info@immersetraining.org) by 04 September. This will allow the panel time to consider your issues and prepare helpful responses to all your questions and feed your thoughts back to the regulatory body.

- 10:00 - Welcome & Panel introductions
- 10:15 - Overview and background
- 10:30 - Q&A session 1
- 11:30 - Break
- 11:45 - Q&A session 2
- 12:45 - Lunch
- 13:30 - Q&A session 3 (breakout session if required)

## Where is it?

Best Western Plus Manor Hotel, Meriden, Solihull, CV7 7NH  
Tel. 01676 522735

<http://www.manorhotelmeriden.co.uk/>

**When is it? 11 September 2013**