



Wednesday 11th May 2011 - 2.00pm – 4.00pm

Main Lecture Theatre, Ground Floor, School of Electronic Engineering, Dean Street, Bangor LL57 1UT

'Legionnaires' Disease and Legionella Control'

Ken Ashley

Legionella Control Consultant

THE SPEAKER

Ken Ashley is a Chartered Biologist and Member of the Institute of Biology. He has worked in the field of microbiology since graduating from Liverpool University with an Honours Degree in Microbiology in 1970.

During his career Mr Ashley has lectured at Liverpool Polytechnic and was Scientific Director of a microbiological diagnostics company. In 1991 he joined the Health and Safety Executive (HSE) as HM Specialist Inspector of Health and Safety. During his time with HSE he attended to give advice at all the large outbreaks of Legionnaires' disease in the UK, was the lead author of the Legionella Approved Code of Practice L8, co-author of the CIBSE Guidance TM13. He also acted as an expert witness for a number of HSE prosecutions and for the Crown when prosecuting for manslaughter alleged to have been caused by Legionnaires' disease.

THE TALK / WORKSHOP

Legionnaires' Disease is a potentially fatal form of pneumonia which can affect anybody, but which principally affects those who are susceptible because of age, illness, immunosuppression, smoking etc.

It is caused by the bacterium Legionella pneumophila and related bacteria that can

be found naturally in environmental water sources such as rivers, lakes and reservoirs, usually in low numbers. As they are commonly found in environmental sources they may also be found in purpose built water systems such as hot and cold water services, cooling towers, evaporative condensers and whirlpool spas.

If conditions are favourable the bacterium may grow creating conditions in which the risk from Legionnaires' disease is increased. It is therefore important to control the risks by introducing measures outlined in the Approved Code of Practice & guidance document.

This talk will allow you to better understand:

- What Legionnaire's disease is and how and where it may occur in work environments
- What your legal duties are and how you can comply with them
- How to respond to a 'crisis' should an outbreak of legionella occur

There will also be a case study of the Barrow incident where in August 2002 seven members of the public died and 180 people suffered ill health as a result of an outbreak of legionella at a council-owned arts and leisure facility.

Further Information:

<http://www.hse.gov.uk/legionnaires/>

Refreshments will be provided from 2.00pm.
Talk starts at 2.15pm.



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VENUE

The Main Lecture Theatre is on the ground floor of Bangor University's School of Electronic Engineering Building (*this building may also be referred to as 'Informatics'*), which is located on Dean Street in Bangor LL57 1UT. The Lecture room is accessible via the main entrance and then follow the directional signs on display.

The University is signposted from the A5/55 Expressway. A location map for the School of Electronic Engineering building can be found at: <http://www.eng.bangor.ac.uk/LocationMap.pdf> position 74.

CAR PARKING

Please be aware that you can access the University Dean Street Car Park by entering the following PIN number: **2858** at the Barrier. This **PIN number** will only work for this Car Park and only on the afternoon of the Talk and should not be disclosed / displayed to other people.

Coming from Garth Road onto Dean Street, the entrance to the Car park is the second access road (unmarked – enters into University premises) on the left opposite the new NCP car park.

Please ensure you park within designated car parking spaces and display your Permit. The Car Parking Permit is printed at the bottom of this Flyer and must be displayed in the front windscreen. The University operates strict *Parking Regulations* and your vehicle may be towed-away immediately if blocking access or pedestrian routes or otherwise causing a health and safety hazard. Vehicles parked without a valid Permit may be immobilized and a cost is associated with its release.

FURTHER INFORMATION

For further Information on the Group please contact 'Health and Safety Services', Bangor University, Penbre, College Road, Bangor, LL572DG Tel 01248 383847, email: l.fowlie@bangor.ac.uk or gareth.w.jones@bangor.ac.uk or visit the Website at <http://hsgroup.bangor.ac.uk>



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A warm welcome is extended to all Members and non-members with an interest in this subject.