



“Dangers in Handling Flammable Liquids and Substances”

DSEAR Experimental Lecture

Roy Smith

Wednesday 1st July, 2.00pm – 4.00pm

Lecture Room 5 (LR5). 1st Floor, New Arts Building, College Road

THE SPEAKER

Roy Smith is the Managing Director of DENIOS, who for over 20 years have been supporting companies, from two man operations to key account customers, to minimise the risks involved when handling hazardous materials. They specialise in providing support and advice on:

- equipment that ensures the correct and compliant storage of Hazardous Materials.
- technology that protects Hazardous Material handlers from contact with the dangerous substances.
- systems that can reliably contain explosive or water-polluting production materials, should it prove necessary.

THE TALK

As you know, there are many risks associated with handling flammable and other hazardous materials. However, not many people are aware that even the smallest quantities could prove lethal. Even seemingly harmless substances can develop a higher danger potential if subjected to unfavourable conditions. The Talk will consider these and provide a great insight into storage of hazardous substances and will particularly focus on DSEAR – *Dangerous Substances and Explosive Atmospheres Regulations*.

DENIOS.

DSEAR – Experimental Lecture

DENIOS' informative, lively and entertaining experimental lecture uses graphic demonstrations to highlight potential consequences of handling flammable materials in-correctly.

The goal of the DSEAR experimental lecture is to raise awareness and understanding of Hazardous Materials, in order to help identify dangers ahead of an accident and avoid undesired reactions by handling hazardous substances properly.

CONTENTS

- Legal foundations
- How sources of dangers arise. What is a flashpoint?
- The fundamentals on the origin of explosions, deflagrations and fires
- Risks resulting from improper storage and/or handling with these substances
- The meaning of the danger triangle

MORE INFORMATION

For further information and advice visit:

- <http://www.denios.co.uk/>

If you are responsible for handling chemicals or substances or simply interested in health and safety matters, we believe this talk will be of great interest to you.

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



INFORMATION



VENUE FOR WEDNESDAY 1ST JULY 2009

Lecture Room 5 is on the First Floor of Bangor University's New Arts building, which is linked to Main Arts (the main University building) located on College Road. The Lecture Room is accessible via the Main Arts Entrance and then follow the directional signs on display. The Lecture Room is fully accessible.

The University is signposted from the A5/55 Expressway. A location map for the building can be found via the University's Homepage on: www.bangor.ac.uk. See: www.eng.bangor.ac.uk/LocationMap.pdf - Main Building, Location 42.

CAR PARKING

Parking is very limited on-site and in the Upper Bangor area. You can access the Main Arts and Bryn Afon Car Park by entering the following PIN number: **7031** at the Barrier. Please note the **PIN number** will only work for these Car Parks and only on the afternoon of the Talk.

Coming from Holyhead Road onto College Road, the entrance to the car parks are clearly visible. Please ensure you park within designated car parking spaces and display your Parking 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. Vehicles parked without a valid Permit may also be immobilized and a cost is associated with its release.

FURTHER INFORMATION

For further Information on the Group please visit <http://hsgroup.bangor.ac.uk> or contact Bangor University 'Health and Safety Services' on 01248 383847. A warm welcome is extended to all with an interest in this subject, non-members and staff representatives are especially welcomed.



PLEASE DISPLAY THIS PARKING PERMIT SO IT IS CLEARLY VISIBLE



Wednesday 1st July 2009

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CAR PARKING PERMIT**



The North West Wales Health & Safety Group, Bangor University, College Road, Bangor. LL57 2DG.

Tel 01248 383847, email: l.fowlie@bangor.ac.uk or gareth.w.jones@bangor.ac.uk

<http://hsgroup.bangor.ac.uk>

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