

Continuing Professional Development Certificate

Battery Hazards: Which technology provides the safest solution?

Date: Wednesday 2 May 2016

Time: 1.15pm - 2.00pm

Speaker: Dr Geoffrey May, Director, FOCUS Consulting

In this IIL lecture Geoffrey May described the hazards of using batteries and which types pose the greatest risk. All batteries are self-contained energy sources and a potential fire hazard but higher energy density brings higher risk. The principal types of battery will be described and categorised according to their construction to indicate which types are more likely to cause fires and explosions. Toxic hazards will also be briefly discussed. The principal safety standards will be outlined. The lecture concluded with a few case studies showing how a relatively minor battery fire can lead to major losses.

By the end of this lecture members would have gained an insight into:

- The main types of battery in use and the nature of hazards in use.
- Which types of battery pose the highest risk.
- How the use of batteries will increase in the future.



This lecture or podcast can be included as part of your CPD requirement should you consider it relevant to your professional development needs. It is recommended that you keep any evidence of the CPD activity you have completed and upload copies to the recording tool as the CII may ask to see this if your record is selected for review.