

Certificate of attendance

The Perils of Dust - Small Particles, Big Bang

Date

Thursday 15th December 2016

Time

6.00pm - 7.00pm

Speaker

Andrew Dickens
Director, Phoenix Loss Prevention Ltd

Learning outcomes or Lecture review

how dust explosions occur
the importance of cleaning in order to reduce dust explosion hazards
the means of protecting against

In this lecture Andrew will talk about the hazard from dust explosions and how small particles of dust generated during handling of dry materials such as grain, sugar, flour, tea, coffee etc. can cause substantial damage to buildings, injuries and even fatalities.

Andrew will illustrate the typical dust concentration required for a dust explosion to occur and discuss the secondary dust explosion hazard posed by dust accumulations in the workplace and the importance of cleaning in preventing secondary dust explosions. Finally he will consider the control measures available for protection from dust explosions and, based on his experience of assessing process operations worldwide, advise where explosion prevention measures alone may be sufficient to control the risk, or where explosion protection measures are needed.



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