



Milling Technology Services
Providing milling solutions

Dust Explosion Awareness and Fire Safety Course

This one day course is designed for all mill/factory personnel.

The objective of the course is to make people aware of the risks that could lead to a dust explosion through case studies, there will also be live fire extinguisher demonstrations. To inform of all the preventative measures that will reduce the risk of a dust explosion taking place and to minimise the damage and deal effectively if one was to happen. It highlights the areas of fire risk in a mill and identifies improvements that could be made in plant design and procedures.

Delegates will also learn about fire safety procedures, different types of fires, ie oil, wood, electrical etc, and the different classes of fire extinguishers.

Tutors

Paul Quinn



Paul has worked in milling for over 30 years and has extensive knowledge within the biomass, animal feed, pet and aqua food industry. He has managed a wide range of mills and knows about the process and hazards of running a mill, feed technology science, mill design and mill production management. He has worked for Andritz Feed & Biofuel in sales, engineering and consultancy. He now undertakes training and consultancy throughout the industry. He brings this knowledge of up to date techniques to help people gain the most from this course.

Mark Clegg



Mark has served in the UK fire and rescue service for 27 years and has attended thousands of incidents all around the country including trauma, first aid, major fires, road traffic collisions and explosions to name but a few. He is also a member of the UK International Search and Rescue team. He has gained instructor qualifications in various fields and travels all around the country and abroad instructing recruits and experienced fire fighters. He brings a wealth of knowledge and experience to the course.

Classroom session (Paul Quinn/Mark Clegg)

- Root causes
- Plant & machinery design
- Hygiene requirements
- Types of explosive materials
- Ignition sources
- Areas and plant at risk of fire
- Dust explosion
- Hazards and mitigation
- Identifying hazards
- Explosion prevention
- Fire safety procedures
- Classes of fire extinguishers
- Case studies

Practical session (Mark Clegg)

- Fire extinguisher demonstrations

Bosley Mill dust explosion July 2015

Four workers were killed in the explosion at Bosley Mill. This course will hopefully help to prevent anything like this from ever happening again.

(Mark's was one of the first specialist search and rescue teams on scene)



If you would like any more information or to discuss the course further please contact us on the details below.

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