

Institution of Agricultural Engineers

## Electrical Safety Management for Agricultural Engineers

Protect your business – Control your risk

Comprehensive new one day course



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With agriculture rated as one of the most dangerous industries with many deaths in the workplace each year, this event will provide a detailed overview of the fundamentals of electrical safety and a systematic toolkit for assessing and managing the associated risks.

Electrical safety in agriculture and associated subjects has never been more important. The dangers of electrical installations and equipment are well known and with bigger machinery, the risks of coming into contact with high voltage power lines is greater than ever. Add to this the developments in farm machinery with more low voltage circuits, electrical controls, and complex management and control systems, the need to manage electrical safety is vital.

Engineers and technicians now have to deal with many facets of electrical power and control and in too many cases this responsibility is held by non-electrically qualified staff who have not had systematic training in how to prevent electrical hazards in the workplace. These hazards can range from any employee, contractor or visitor being injured by unsafe operation, inadequate training or malfunctioning electrical equipment through to professional mechanics and electricians or external contractors carrying out tasks without adequate instruction, training or supervision.

This event will help you to avoid production/project costs and delays from stoppages caused by electrical-related accidents, as well as personal death or injury and costs and reputation damage from litigation resulting from poor electrical safety practices. There can be serious psychological damage to those affected by an accident.

IAgrE has joined forces with the Institution of Engineering & Technology (IET) to promote best practice and all delegates receive the **IET's Code of Practice for Electrical Safety Management**. This course builds on the speakers' experience in the industry and will help you to reduce the significant risks faced by all businesses working in landbased industries, not just agricultural engineering, enabling you to protect your business by controlling Health & Safety risks.

## Who should attend?

- Farm Machinery Designers and Production Managers
- Service technicians, installation engineers, and electrical fitters
- Operational Workers
- Workshop, Project, Site, and Facilities Managers
- Health and safety managers and co-ordinators.
- Lecturers, instructors, trainers and work-place assessors

## Key benefits of attending

- Gain an oversight of technological developments found in modern agriculture
- Learn cutting edge methods from acknowledged technical specialists
- Find out what you need to consider as you future proof your business
- Meet likeminded people and forge future business relationships
- Develop ideas and initiate new approaches alongside future industry leaders
- Listen and learn from industry experts and motivational leaders

## Programme –

**This event will earn 6 hours of CPD (certificate available on request)**

0900 - 0930	Arrival and Registration	
0930 – 0945	Introduction to event	<i>Alastair Taylor, CEO, IAgrE</i>
0945 - 1045	Why Manage Electrical Risk? <ul style="list-style-type: none"><li>• Why is electrical safety important?</li><li>• What is electrical risk?</li><li>• Relevant incidents</li><li>• Issues and learning points</li></ul>	<i>Bill Bates</i>
1045 – 1100	Coffee	
1100 - 1200	Electrical Risks in Agriculture <ul style="list-style-type: none"><li>• Incidents in the agricultural sector</li><li>• Failures in operation, maintenance and management</li><li>• Lessons from inspections and investigations</li></ul>	<i>Alan Plom</i>
1200 - 1230	Business Risk & Consequences of Failure <ul style="list-style-type: none"><li>• Legal, technical, engineering, business and personal risk</li><li>• Consequences for individuals, business and organisations</li></ul>	<i>Bill Bates</i>
1230 - 1315	Lunch and Networking	
1315 – 1345	Introduction to IET ESM CoP <ul style="list-style-type: none"><li>• The “Why, Who, What and How”?</li><li>• Content, structure and application – “Where and When”</li></ul>	<i>Bill Bates</i>
1345 – 1545	Case Studies/ Worked examples of use of CoP for a variety of Agricultural Applications: <ul style="list-style-type: none"><li>• equipment design, manufacture, installation and maintenance</li><li>• agricultural practitioners</li><li>• land agents, insurers and other support services</li></ul>	<i>Bill Bates &amp; Alan Plom</i>
1545 – 1600	Q & A – Final Review	<i>Alastair Taylor, CEO, IAgrE</i>

## Speakers

### *Bill Bates FIEE, FIET Director Foxgloves Electrical Safety Management Limited*

**Bill Bates** spent many years as an electrical engineer, the last 21 years as an HSE Inspector. During this time he investigated countless incidents, many of which occurred in agriculture and related activities. As a result he is well aware of the risks of getting safety management wrong.

### *Alan Plom, MIAgrE IOSH Rural Industries Group Vice Chair / Communications Coordinator / Farm Safety Partnership Board Member / Machinery Safety Group Chair*

IAgrE Member **Alan Plom** is known to many working in agriculture and associated subjects from his role as Head of HSE's Agricultural Safety Section, before he retired in 2011. He has since remained closely involved in agricultural health and safety, including being a member of the Board of the Farm Safety Partnership and chair of the Machinery Safety Group.

## When, where, how much, where to book?

**When:** Dates to be confirmed – 4 expected in 2016

**Where:** IAgrE, The Bullock Building (53), University Way, Cranfield MK43 0GH

**Cost:** £XXX plus VAT to include lunch & refreshments **Booking Form:** xxx

## Contact IAgrE ...

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