

# COMPLIANCE IN BULK MATERIALS HANDLING 2016 ADHERE TO THE LATEST DSEAR AND ATEX REQUIREMENTS

Institution of  
**MECHANICAL  
ENGINEERS**

**22 September 2016**  
IMEchE Engineering Training Centre, Sheffield

More details available at  
[www.imeche.org/bulkhandling2016](http://www.imeche.org/bulkhandling2016)

## SPEAKERS INCLUDE:



Martin Bardle  
Head of Compliance  
**ABP Humber Ports**



Dave Price  
Principal Engineer and Managing Director  
**Gexcon**



Nigel Allen  
Technical Manager - Major Hazards  
**DEKRA Insight**



Paul Stevens  
E&B Senior Advisor, Manufacturing  
and Local Authority Unit  
**Environment Agency**

Process Industries Division  
**Seminar**



SUPPORTED BY:



**topEngineer**  
**THE WOLFSON CENTRE**  
for Bulk Solids Handling Technology  
at The University of Greenwich

Book your place today  
[www.imeche.org/  
bulkhandling2016](http://www.imeche.org/bulkhandling2016)

# COMPLIANCE IN BULK MATERIALS HANDLING 2016

## ADHERE TO THE LATEST DSEAR AND ATEX REQUIREMENTS

22 September 2016

IMechE Engineering Training Centre, Sheffield

**WITH MAJOR PARTS OF THE INDUSTRY EITHER IN THE PROCESS OF IMPLEMENTING THE NEW INDUSTRIAL EMISSIONS DIRECTIVE (IED) OR PREPARING FOR THAT CHANGE, NOW IS THE PERFECT OPPORTUNITY TO UNDERSTAND AND DISCUSS YOUR OBLIGATIONS TO THE LATEST BULK MATERIALS HANDLING REGULATIONS.**

Compliance in Bulk Materials Handling will combine exclusive end-user case studies from food and drink, port and cross-industry experts with successful strategies to adhere to ATEX and DSEAR requirements.

This interactive, one-day seminar is a must-attend event that brings end-users and suppliers alike from across the industry to discuss and share experience of how to comply with the latest bulk materials handling regulations. Learn from panel and roundtable discussions that will address the challenges of working with flammable and explosive materials and what pitfalls to avoid.

### KEY TOPICS:

- Detailed overview of current ATEX and DSEAR regulations
- Case studies and lessons learned from dust explosions
- The essentials of Functional Safety
- Silos Euro-Code: successfully ensuring safety and structural security in large storage vessels
- Best practice to avoid criticalities in the food industry
- Major hazards in bulk materials handling and compliance with COMAH 2015

### BENEFITS OF ATTENDANCE:

- Understand the latest changes to the **ATEX** and **DSEAR** regulations and their impact on your business
- Learn from the Head of Compliance from **Associated British Ports** about how they ensure compliance across multiple locations
- Hear insights from the **Environment Agency** about the latest developments in **IEDs** and the implications for your industry
- Discover lessons learnt from **food industry criticalities** and how to ensure your industry avoids these pitfalls
- **Review** and **enhance** your organisation's compliance and operating practices
- **Network** with senior industry professionals and share key findings raised

### Members Credits:

Alan Jackson  
Director

**Alan Jackson Engineering Services Ltd**

Eddie McGee  
Technical Director  
**Ajax Equipment**

Professor Mike Bradley  
Director, The Wolfson Centre for Bulk Solids Handling Technology  
**University of Greenwich**

Ian Hancock  
Operations Manager  
**Bradley Pulverizer Company**

**BOOK YOUR PASS AT:  
WWW.IMECHE.ORG/BULKHANDLING2016**

# PROGRAMME

## 22 SEPTEMBER 2016

<b>09:00</b>	<b>CHAIR'S OPENING REMARKS</b> Alan Jackson, Director, Alan Jackson Engineering Services Ltd
	REGULATION UPDATES
<b>KEYNOTE 9:10</b>	<b>COMPLIANCE - HOW ARE WE RESPONDING AND HOW DO WE ENSURE THAT WE ARE FUTURE-FIT?</b> Martin Bardle, Head of Compliance, ABP Humber Ports
<b>09:40</b>	<b>OVERVIEW OF CURRENT ATEX AND DANGEROUS SUBSTANCES AND EXPLOSIVES ATMOSPHERES REGULATIONS (DSEAR)</b> Dave Price, Principal Engineer and Managing Director, Gexcon
<b>10:20</b>	<b>A LOOK AT ENVIRONMENTAL REGULATION</b> Paul Stevens, E&B Senior Advisor, Manufacturing and Local Authority Unit, Environment Agency
<b>10:50</b>	<b>NETWORKING REFRESHMENT BREAK</b>
	KEY INDUSTRY LEARNINGS
<b>11:20</b>	<b>CASE STUDIES FROM DUST EXPLOSIONS IN THE BULK MATERIALS HANDLING INDUSTRY</b> Declan Barry, Managing Director, ATEX Explosions Hazards
<b>11:50</b>	<b>MANAGEMENT OF FOOD INDUSTRY CRITICALITIES THROUGH EQUIPMENT AND PROCESS RELIABILITY</b> Sauro Riccetti, Professor of Automatic Machines for Food Industry, University of Bologna
<b>12:20</b>	<b>MAJOR HAZARDS IN BULK MATERIALS HANDLING - COMPLIANCE WITH CONTROL OF MAJOR ACCIDENT HAZARDS (COMAH) 2015</b> Nigel Allen, Technical Manager - Major Hazards, DEKRA Insight
<b>12:50</b>	<b>NETWORKING LUNCH</b>
<b>13:50</b>	<b>WHAT IS FUNCTIONAL SAFETY AND WHAT DO I NEED TO KNOW ABOUT IT?</b> Ron Bell, Director, Engineering Safety Consultants
<b>14:20</b>	<b>THE SILOS EURO-CODE: ENSURING SAFETY AND STRUCTURAL SECURITY IN LARGE STORAGE VESSELS</b> Mike Bradley, Director, The Wolfson Centre for Bulk Solids Handling Technology
<b>14:50</b>	<b>NETWORKING REFRESHMENT BREAK</b>
<b>15:20</b>	<b>ROUND TABLES - OVERCOMING COMPLIANCE CHALLENGES</b> <ul style="list-style-type: none"><li>• How can equipment purchase and design decisions be made which don't just comply with existing compliance requirements but also build in future needs?</li><li>• How does the industry ensure that all companies and their staff (both junior and senior) are aware of and adhere to their bulk compliance requirements?</li><li>• How does industry conform to fire, explosion and gaseous discharges that apply to recently-handled new and novel materials?</li><li>• In the light of the Brexit vote, how can the UK manufacturers and operators influence the CEN working groups to propose achievable and satisfactory limits?</li></ul>
<b>16:20</b>	<b>ROUND TABLES' SUMMARY DISCUSSION</b>
<b>16:40</b>	<b>CHAIR'S CLOSING REMARKS</b>
<b>16:50</b>	<b>END OF SEMINAR</b>

For the most up-to-date and detailed programme for the event, please visit [www.imeche.org/bulkhandling2016](http://www.imeche.org/bulkhandling2016)

- This programme is subject to change.
- The Institution is not responsible for the views or opinions expressed by individual speakers.

## HOW TO BOOK YOUR PLACE

### FEES AND CHARGES

Registration fees include entry to the sessions, refreshments, and copies of select presentations.

Fees and charges	Standard Rate
Member, IMechE	£165 + VAT
Member, Supporting Organisation	£165 + VAT
Non-member	£199 + VAT

### THREE WAYS TO BOOK

- 1 Online: [www.imeche.org/bulkhandling2016](http://www.imeche.org/bulkhandling2016)
- 2 Email: [eventenquiries@imeche.org](mailto:eventenquiries@imeche.org)
- 3 Phone: +44 (0)20 7973 1251

Please read the information listed below as each booking is subject to the Institution's standard terms and conditions.

#### CONDITIONS OF BOOKING

Completed application forms should be returned to the address above, along with the correct payment. Attendance at the event will be confirmed on receipt of the full balance. All participants are advised to bring a copy of their confirmation with them on the day, to ensure the fastest possible entry.

#### SPECIAL REQUIREMENTS

Please inform us of any special requirements, ie dietary or access, on the relevant section of this form.

#### CANCELLATION

For a refund (minus £25+VAT admin charge), cancellations must be received at least 30 days prior to the event. Replacement delegates are welcome at any time. The Institution reserves the right to cancel any event. In this case, the full fee will be refunded unless a mutually convenient transfer can be arranged. In the event that the Institution postpones an event for any reason and the delegate is unable or unwilling to attend on the rescheduled date, they will receive a full

refund of the fee paid. The Institution is not responsible for any loss or damage as a result of a substitution, alteration or cancellation/postponement of an event. The Institution shall assume no liability whatsoever if this event is cancelled, rescheduled or postponed due to a fortuitous event, Act of God, unforeseen occurrence or any other event that renders performance of this conference impracticable, illegal or impossible. For the purposes of this clause, a fortuitous event shall include, but not be limited to: war, fire, labour strike, extreme weather or other emergency.

Please note that while speakers and topics were confirmed at the time of publishing, circumstances beyond the control of the organisers may necessitate substitutions, alterations or cancellations of the speakers and/or topics. The Institution reserves the right to alter or modify the advertised speakers and/or topics if necessary without any liability to you whatsoever. Any substitutions or alterations will be updated on the event's webpage as soon as possible.

#### LIABILITY

The organisers do not accept liability for any injuries or losses of any nature incurred by delegates and/or accompanying persons, nor for loss or damage to their luggage and/or personal belongings.

#### CONFERENCE VENUE

IMechE Engineering Training Centre  
4 Europa View  
Sheffield  
S9 1XH

## SPONSORSHIP & EXHIBITION OPPORTUNITIES

### GET INVOLVED

Attending this event as either an exhibitor or sponsor will give you the opportunity to display your solutions, services and products to the right people at the right time.

### BENEFITS OF SPONSORING

- **Showcase** new products
- **Raise** awareness of your operation
- **Improve** perception of your brand
- **Influence** other organisations' spending plans

This is an excellent way to enhance your company profile and communicate effectively to your target audience.

For more information please call +44(0)20 7973 1249 or email [sponsorship@imeche.org](mailto:sponsorship@imeche.org)

## PE

DOWNLOAD THE PE APP

Access the latest engineering news

[www.imeche.org/peapp](http://www.imeche.org/peapp)



## Institution of MECHANICAL ENGINEERS

The Institution of Mechanical Engineers is a registered charity (no 206882) VAT No GB299930493.

1 Birdcage Walk  
Westminster  
London  
SW1H 9JJ  
T +44 (0)20 7222 7899  
[www.imeche.org](http://www.imeche.org)

# FORWARD THINKING

We are the market leader among professional engineering bodies. We've been supporting engineers since 1847 and have 113,000 members in over 140 countries, working in the world's most dynamic and important industries. Our comprehensive events programme brings you the latest research and best practice from industry and academia.

### OTHER EVENTS TO LOOK FOR



#### 28 SEPTEMBER 2016 LONDON

##### Crane Safety 2016

Crane Safety will address the challenges of risk and incident reduction, cost savings and complying with the latest safety legislation, together with case studies.

[www.imeche.org/cranesafety2016](http://www.imeche.org/cranesafety2016)



#### 17 NOVEMBER 2016 THE DORCHESTER, LONDON

##### THE INSTITUTION OF MECHANICAL ENGINEERS' ANNUAL DINNER

The Institution's Annual Dinner will be returning to London's Dorchester hotel Thursday 17 November 2016, to celebrate the engineering profession with keynote address from The Rt Hon Patrick McLoughlin.

[www.imeche.org/annualdinner2016](http://www.imeche.org/annualdinner2016)

The Institution of Mechanical Engineers organise over 120 events a year, including free-to-attend lectures as well as conferences, seminars, annual luncheons and dinners. Please visit [www.imeche.org/events](http://www.imeche.org/events) for the complete list of events.

Follow us on Twitter

 [twitter.com/imecheevents](https://twitter.com/imecheevents)