

CRANE SAFETY 2017 DELIVERING EFFECTIVE ENGINEERING SOLUTIONS

SAVE 10%
OFFER ENDS
4 AUGUST 2017

Institution of
**MECHANICAL
ENGINEERS**

Knowledge Transfer
Seminar

20 September 2017
One Birdcage Walk, London

KEY SPEAKERS INCLUDE:

Jarrold King, HM Specialist Inspector of Health
and Safety
Health and Safety Executive

Tim Watson, Technical Consultant
Construction Plant-hire Association

Richard Hulmes, Chief Executive
Safety Assessment Federation

Mark Blundy, Group Health and Safety Director
Bowmer and Kirkland

Ed Hudson, General Manager, After-Sales
Liebherr-Great Britain Ltd

Craig Taylor, Fleet Manager - Plant and Equipment
Multiplex



SUPPORTING ORGANISATION:



ENGINEERING
INTEGRITY SOCIETY



EVENT PARTNERS:



Save 10% before 4 August 2017 www.imeche.org/cranesafety2017

WHY ATTEND CRANE SAFETY 2017?

20 September 2017
One Birdcage Walk, London

“CRANE FAILURE CAN BE COSTLY WITH POTENTIAL FOR SERIOUS OR FATAL CONSEQUENCES. THOSE WITH RELATED INTEREST, RESPONSIBILITY AND DUTY OF CARE WILL BY ATTENDING THIS EVENT, EXTEND THEIR KNOWLEDGE AND UNDERSTANDING OF THE CHALLENGES INVOLVED.”

Vaughan Cole,
Former HM Principal Specialist Inspector of
Health and Safety (Mechanical Engineering),
Health and Safety Executive

The Institution of Mechanical Engineers' Crane Safety seminar returns for its second year to further explore the safe operation of cranes and the challenges of risk and incident reduction.

Hear insights from leading construction companies about recent projects and practical guidance from the industry regulator. Join roundtable discussions that will explore the key issues being faced in major construction projects and identify methods to overcome them.

This is a unique opportunity to learn industry best practice and understand how you can avoid legal and financial challenges for yourself and your company.

KEY PROGRAMME HIGHLIGHTS:

- How to comply with the **latest crane safety regulations** for crane operators and main contractors, with guidance from **Health and Safety Executive, Construction Plant-hire Association** and **The Safety Assessment Federation**.
- Addressing **Human Factors** and what can be done to maintain high safety levels, with guidance from **Bowmer and Kirkland** and **Rolls-Royce Submarines**.
- **Case studies** of recent projects from **Multiplex, Heerema Marine Contractors** and **Keltbray**.
- Find out about **new technologies and industry trends** for risk and incident reduction from **Liebherr**.

ATTEND THIS EVENT TO:

- **Learn** how to properly **plan and monitor** for the safe operation of your cranes.
- **Share successful strategies** that address the common challenges in lifting operations at dedicated round table discussions.
- **Benchmark, review and enhance** your organisation's crane maintenance and operating practices.
- **Network** with senior industry professionals and share key findings raised at the seminar.

WITH THANKS TO:

Safety and Reliability Group, Structural Technology and Materials Group, Construction and Building Services Division at The Institution of Mechanical Engineers and the Technical Advisory

COMMITTEE MEMBERS:

Vaughan Cole, Former HM Principal Specialist Inspector of Health and Safety (Mechanical Engineering)
Health and Safety Executive

Roger May
Magnox, retired

Simon Quinn, Director of the Research Institute for Industry (RIFI)
University of Southampton

Xose Anton Portela Sobriño,
Mechanical Design Engineer
UK Atomic Energy Authority (UKAEA)

BOOK EARLY AND SAVE UP TO 10%
OFFER ENDS 4 AUGUST 2017

TERMS AND CONDITIONS APPLY

PROGRAMME

20 SEPTEMBER 2017	
08:30	REGISTRATION AND REFRESHMENTS
09:00	CHAIR'S OPENING REMARKS Vaughan Cole, Former HM Principal Specialist Inspector of Health and Safety (Mechanical Engineering), Health and Safety Executive
	STANDARDS, REGULATIONS AND GUIDELINES
09:10	KEYNOTE: OFFSHORE LIFTING OPERATIONS – THE CHALLENGES FACING THE OFFSHORE OIL AND GAS INDUSTRY AS WITNESSED BY THE REGULATOR Jarrod King, HM Specialist Inspector of Health and Safety, Health and Safety Executive
09:35	GUIDANCE FOR LIFTING OPERATIONS – KEY ASPECTS OF THE CONSTRUCTION PLANT-HIRE ASSOCIATION'S GUIDANCE AND RECENT CHANGES TO BS 7121 Tim Watson, Technical Consultant, Construction Plant-hire Association
10:00	LEGAL RESPONSIBILITIES FOR CRANE SAFETY Richard Hulmes, Chief Executive, Safety Assessment Federation
10:25	NETWORKING REFRESHMENT BREAK
	PLANNING AND MONITORING FOR COMPETENT AND SAFE USE OF CRANES
11:00	CONTINUOUS IMPROVEMENT IN PRACTICE – “WE ARE BETTER THAN THAT!” Mark Blundy, Group Health and Safety Director, Bowmer and Kirkland
11:25	CRANE FAILURE - A REGULATORY INVESTIGATOR'S VIEW AND HUMAN FACTORS Vaughan Cole, Former HM Principal Specialist Inspector of Health and Safety (Mechanical Engineering), Health and Safety Executive John Mount, Technical Specialist in Human Factors, Rolls-Royce Submarines
12:05	GROUND CONDITIONS: GROUND PREPARATION AND WEIGHT ISSUES Speaker to be announced
12:30	NETWORKING LUNCH
13:30	ROUND TABLES SESSION SHARING PROBLEMS AND SOLUTIONS – FROM CRANES DESIGN TO OPERATION AND MAINTENANCE This session aims to promote discussion. Delegates freely select a table to join and help identify interesting areas to further investigate the round table topic. This provides a unique opportunity to share problems, opinions and concerns with other seminar attendees. Key points from each round table discussion will be shared with the rest of the audience during a final feedback session. <ul style="list-style-type: none"> • The Statutory Inspection of Lifting Equipment Hosted by Roger May, Magnox, retired • Design Standards and Their Implementation Hosted by Xose Anton Portela Sobriño, Mechanical Design Engineer, UK Atomic Energy Authority (UKAEA) • Crane Sizing and Problem Solving with Cranage and Heavy Lift Projects Hosted by David Jacobi, Manager - Special Projects, Ainscough Crane Hire Limited • Main Contractor – Competent Managers but Inadequate Lifting Experience – Problem? Hosted by Adrian Thomson, Associate Director, Mace Group • Assessment of Competence and the Value of Training for Individuals Involved in Lifting Operations Hosted by Tom Pawson, Designated Individual for Lifting, Costain Group • Selecting the Operation Site For a Crane - Access, Foundations, Erection, Use, Dismantling and Departure Hosted by William Meyers, Senior Plant Engineer - London Underground, Transport for London • Design Working Periods of Cranes Hosted by Benjamin Dobbs, Technical Manager, LEEA
14:30	ROUND TABLE FEEDBACK
	INNOVATIONS AND DEVELOPMENTS IN CRANES DESIGN AND TECHNOLOGY
14:45	CASE STUDY FROM LIEBHERR: INNOVATION AND CRANES Steve Elliott, Area Sales Manager, Mobile Crane Division, Liebherr-Great Britain Ltd Ed Hudson, General Manager, After-Sales, Liebherr-Great Britain Ltd
15:10	INNOVATION AND CRANES - SOME EXAMPLES OF NEW TECHNOLOGIES AVAILABLE Speaker to be announced
15:30	NETWORKING REFRESHMENT BREAK
	CASE STUDIES FROM MULTIPLE INDUSTRIES
16:00	CASE STUDY FOR THE HEAVY LIFT CRANE AT KELTBRAV'S EARLS COURT DEMOLITION PROJECT Dave Rowe, Technical Manager, Keltbray Demolition and Civil Engineering Steve Leyton, Group Lifting Operations Manager, Keltbray
16:25	MEETING THE REQUIREMENTS OF WORKING AT HEIGHT REGULATION 10 – FALLING OBJECTS Craig Taylor, Fleet Manager - Plant and Equipment, Multiplex
16:50	HEAVY LIFT CRANE VESSELS FOR OFFSHORE DECOMMISSIONING Duncan John Edwards, Offshore Project Engineering (T&I), Heerema Marine Contractors
17:15	CHAIR'S CLOSING REMARKS
17:30	END OF SEMINAR

For the most up-to-date and detailed programme for the event, please visit www.imeche.org/cranesafety2017

- 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 a copy of the conference proceedings.

Seminar and Workshop	Early Bird Rate Until 4 August 2017	Standard Rate
Member, IMechE/supporting organisation	£270 + VAT	£320 + VAT
Non-member	£330 + VAT	£390 + VAT
Student/Retired	£99 + VAT	£99 + VAT

Group booking discounts are available. Contact us for more information.

THREE WAYS TO BOOK

- 1 Online:
www.imeche.org/cranesafety2017
- 2 Email:
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 the booking form or email eventenquiries@imeche.org

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

Institution of Mechanical Engineers
One Birdcage Walk
Westminster
London
SW1H 9JJ

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OTHER EVENTS TO LOOK FOR



SIMULATION AND MODELLING 2017

12-13 September 2017, Birmingham

Take away cross-industry insights from the aerospace and automotive industries who are utilising simulation and modelling to drive down costs, reduce inefficiencies and eradicate costly prototypes.

www.imeche.org/simulationandmodelling



DELIVERING ONSITE NUCLEAR PROJECTS 2017

26-27 September 2017, Manchester

This is the only project-specific technical event covering the major nuclear projects across the UK and will provide attendees with a unique opportunity to hear about new UK and global sites, through presentations and discussions.

www.imeche.org/nuclearprojects2017

The Institution of Mechanical Engineers organises over 120 events a year, including lectures as well as conferences, seminars, annual luncheons and dinners. Please visit www.imeche.org/events for the complete list of events.

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VAT No GB299930493.

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