



Day One

07:30 Registrations, coffee, networking and tabletop exhibition

08:45 **Richard Howes**, *Director, Bridger Howes Limited*

Welcome to the inaugural LEEA Lifting & Rigging Conference Middle East. A preview of two days of world-class content and networking for lifting industry professionals working with cranes, hoists and rigging equipment in the Middle East.

09:00 **Geoff Holden**, *Chief Executive, LEEA*

A welcome message from the event hosts and an overview of LEEA's latest Diploma-level training course—Mobile Crane Examination—plus an update on Academy and TEAM Card initiatives.

09:45 **Beniel Sureshkumar**, *Senior Inspection Engineer, Heavy Lift Department, Consolidated Contractors Company (CCC)*

A presentation about mobile crane inspection and safety from an industry expert with 28 years of extensive experience in the field of plant, machinery, heavy equipment, technical inspection and quality management systems.

10:30 **Thomas August**, *Regional Safety Manager Middle East, Mammoet*

A case study from a heavy lift specialist about the risks involved in tandem lifting

11:00 Coffee, networking and tabletop exhibition

11:40 **Habib Mikati**, *Managing Director—Middle East and Africa, Wolffkran*

This presentation will cover four key topics:

- Tower crane classification: load moment, upper structure, base, etc.
- Tower erection: different types of tower elements, modes of erection, difficulties and safety.
- Safe inspection points that are common to all manufacturers and operator training / safety.
- Site analysis from operations perspective.

12:25 **James Desira**, *National Sales Manager, BlokCam*

Delegates are taken into an operator cab where a new three-part wireless camera system allows tower, mobile and overhead crane operators to view everything beneath the hook block, clearly and up close.

12:55 Lunch, networking and tabletop exhibition

14:10 Anthony Culshaw, *Senior Design Engineer, Modulift*

The Design, Engineering, Manufacture and Use of Lifting/Spreader Beams for a Specific Project

This presentation will offer a look into the requirements and the challenges of designing a lifting rig for use on a specific project. The topics covered will include:

- An understanding of the type of non-fixed lifting attachments used in such rigs and why they are used.
- What information might be initially received from a client and what further information is required in the specification of a lifting rig.
- How the aims and objectives of a project might affect the design of equipment
- What standards might be applicable and how they could affect the project from a design and also a manufacturing perspective.
- Reviewing the design and improvements.

Attendees will gain a better understanding of the type of work carried out by lifting equipment engineers.

15:10 Coffee, networking and tabletop exhibition

15:50 Edgar Small, *Coordinator of Construction Management and Associate Professor of Civil Engineering, American University in Dubai*

Project Management and Value Engineering: Fundamental Considerations for Heavy Lifts

Heavy lifts require a significant amount of time, effort and planning to ensure success. From the general contractor's standpoint, the heavy lift is simply an activity, albeit a complex and often critical activity, occurring in the context of a larger construction project. For the lift subcontractor or crew, the activity is a project in itself. Mr Small will explain how fundamental best practices for project management must be implemented to minimize risk and ensure success, both technically and in the context of costs and time schedules.

16:30 Keith Rainford, *Sales Director, Dubai Cranes & Technical Services Limited*

Safety and Efficiency of Overhead Cranes

The presentation will cover methods of control, load monitoring and correct selection of crane parameters for example, duty classification, operating speeds and additional equipment.

17:00 Richard Howes, *Director, Bridger Howes Limited*

A short roundup of the lessons learnt on the opening day and preview of Day Two.

Day Two

08:00 Registrations, coffee, networking and tabletop exhibition

09:00 Keith Anderson, *Chief Rigging Engineer, Bechtel Corporation and the Program Manager of Industrial Training International's (ITI) Fundamentals of Rigging Engineering Program*

Stability in lifting arrangements, covering design considerations, unstable arrangements, static equilibrium, levelling the load and more

11:00 Coffee, networking and tabletop exhibition

11:40 Kevin Crilly, *Regional Manager—East and Senior Technical Officer, LEEA*
LEE membership and the technical audit process, plus the importance of proper training and measuring experience

12:30 Lunch, networking and tabletop exhibition

13:45 Jason Woods, *Middle East Representative, International Powered Access Federation (IPAF)*

A presentation from an access equipment industry expert about the dangers of crushing and trapping hazards associated with the use of aerial lifts around overhead cranes and other obstacles found in industrial applications.

14:30 Nigel Hunton, *Chairman, ZT Safety Systems and the Facelift Group*

The evolution of fall-arrest systems

15:00 Bart Dieben, *Director and Owner, Dieben tt*

When Lifting Becomes Art

Away from the construction site or industrial facility, lifting sometimes needs to be carried out at high speeds, with extremely low noise and even graceful movement. Lowering must take place with people working underneath loads and multiple lifts need to be executed with precision and split-second timing in different directions and speeds. This is where lifting becomes an art form. In this special presentation, entertainment lifting and rigging expert Bart Dieben takes you backstage, to have a rare look inside the kitchen of a theatre performance.

15:30 Paul Angus, *Managing Director, Sure NDT Co Ltd*

Offshore Pedestal Crane Incidents—Causes & Prevention

To conclude the event, delegates are taken offshore to a series of offshore pedestal crane incidents, following which Paul Angus will share accident reports, including causes and preventions.

16:00 Richard Howes

A short wrap up and announcements about future LEEA events

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