

# MECHANICAL CONNECTORS 2018 INCREASING SAFETY AND REDUCING COST

Institution of  
**MECHANICAL  
ENGINEERS**

Pressure Systems Group  
**Seminar**

**24 April 2018**  
Institution of Mechanical Engineers, London

## KEY SPEAKERS INCLUDE:

Matthew Blackburn, HM Principal Specialist Inspector  
of Health and Safety (Mechanical Engineering) Energy  
Division Offshore  
**HSE**

David Holmes, Mechanical Engineering Lead  
**INEOS FPS**

Scott McNeil, Senior Mechanical Engineer  
**Essar Oil (UK) Limited**

Adam Thistlethwaite, Global Service Line Director -  
On-Stream Repair  
**TEAMFurmanite**



## SUPPORTING ORGANISATIONS:



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# MECHANICAL CONNECTORS 2018 INCREASING SAFETY AND REDUCING COST

24 April 2018, Institution of Mechanical Engineers, London

**ENGINEERS ARE BECOMING INCREASINGLY AWARE OF THE BENEFITS OF USING NON-WELDED MECHANICAL CONNECTORS OVER WELDED MODIFICATIONS. AS A RESULT THERE IS NEED FOR GREATER UNDERSTANDING OF THE INDUSTRY GUIDELINES, AS OPERATORS ARE CURRENTLY ESTABLISHING THEIR OWN INTERNAL PRACTICES.**

Mechanical Connectors 2018 is the only event to focus specifically on the use of these products. This event will provide engineers with best practice for managing and inspecting mechanical connectors in their projects.

Attendees will gain a thorough technical understanding of the latest available connectors and how to install and manage them. Gain an update on regulatory guidance from the HSE to ensure that your organisation's processes comply in order to reduce risk of failure. Meet with operators, inspection bodies and solution providers to share experiences and discuss the future of this technology.

## KEY TOPICS INCLUDE:

- **TEAMFurmanite** will provide an overview of the technology and types of mechanical connectors available
- **Essar Oil (UK) Limited** share examples of potential failures and how to avoid them
- **HSE** share lessons learnt from the failure of a mechanical connector in the North Sea
- **INEOS FPS** share how to best manage the introduction and installation of the assets
- **DNV GL** give an overview of the qualification process for mechanical connectors

## ATTEND THIS EVENT TO:

- **Hear** an update from the HSE on regulatory guidance to ensure you are meeting the current standards for your mechanical connectors
- **Gain** insight into correct use of mechanical connectors from leading organisations in the sectors including Essar Oil (UK) Limited, INEOS FPS and DNV GL UK Limited
- **Understand** the different types of mechanical connectors available to make the right decisions regarding your choice of asset
- **Increase** the safety of your connections through hearing from inspection bodies regarding the qualification process

## ORGANISING / ADVISORY COMMITTEE:

Pressure Systems Group  
**Institution of Mechanical Engineers**

## MEMBERS OF COMMITTEE:

Adam Thistlethwaite, Global Service Line  
Director - On-Stream Repair,  
**TEAMFurmanite**

Paul Smith, Consultant, New Nuclear,  
**Wood Plc**

Duncan Kingan, Rotating Equipment Engineer -  
Equipment Class Owner,  
**INEOS FPS**

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TERMS AND CONDITIONS APPLY

# PROGRAMME

TUESDAY 24TH APRIL	
08:30	<b>REGISTRATION AND REFRESHMENTS</b>
09:00	<b>CHAIR'S OPENING REMARKS</b> Duncan Kingan, Rotating Equipment Engineer - Equipment Class Owner, INEOS FPS
	<b>TECHNOLOGY OVERVIEW</b>
09:10 KEYNOTE	<b>THE CASE FOR WELD-FREE MECHANICAL CONNECTORS</b> Adam Thistlethwaite, Global Service Line Director - On-Stream Repair, TEAMFurmanite
09:30	<b>HIGH INTEGRITY MECHANICAL CONNECTORS FOR TOPSIDE AND SUBSEA PIPELINE REPAIR</b> Paul Hughes, Global Subsea Market Leader & Connectors Product Manager, Hydratight Ltd
10:00	<b>TUBE FITTING ADVANTAGE</b> Andrew Shepherd, Director of UK Sales, Swagelok
10:30	NETWORKING REFRESHMENT BREAK
	<b>TECHNOLOGICAL TECHNIQUES AND SOLUTIONS</b>
11:00	<b>LOKRING: ONE VIEW OF B31.3 QUALIFICATION</b> Mark Sindelar, Engineering Manager, Lokring Technology LLC
11:30	<b>QUICKFLANGE CONNECTOR</b> Fredrik Thrane, Technical Manager, ICR Integrity Ltd.
12:00	<b>QUESTION AND ANSWER SESSION WITH THE MORNING SPEAKERS</b>
12:30	NETWORKING LUNCH
	<b>OPERATOR EXPERIENCE</b>
13:30	<b>ENSURING RELIABILITY WITH MECHANICAL CONNECTORS</b> Scott McNeil, Senior Mechanical Engineer, Essar Oil (UK) Limited
14:00	<b>QUALIFICATION OF MECHANICAL CONNECTORS: AN OWNER'S VIEW</b> Speaker to be confirmed
	<b>INTRODUCTION OF THE TECHNOLOGY</b>
14:30	<b>MANAGING THE INTRODUCTION OF CONNECTORS</b> David Holmes, Mechanical Engineering Lead, INEOS FPS
15:00	<b>AN OVERVIEW OF THE QUALIFICATION PROCESS FOR MECHANICAL CONNECTORS</b> Elizabeth Hillier, Principal Engineer, London Approval Centre DNV GL UK Limited
15:30	NETWORKING REFRESHMENT BREAK
	<b>REGULATOR VIEW AND FUTURE DEVELOPMENT</b>
16:00	<b>THE REGULATOR'S VIEW</b> Matthew Blackburn, HM Principal Specialist Inspector of Health and Safety (Mechanical Engineering) Energy Division (Offshore), HSE
16:30	<b>QUESTION AND ANSWER SESSION WITH THE AFTERNOON SPEAKERS</b>
16:55	<b>PANEL DISCUSSION: MOVING FORWARDS AS AN INDUSTRY</b> <ul style="list-style-type: none"> <li>• What working groups or workshops are needed, if any, to facilitate the adoption of the technology?</li> <li>• Does the guidance need updating and if so, how?</li> <li>• What technology would be useful to assist with this?</li> </ul>
17:25	<b>CHAIRMAN'S CLOSING REMARKS</b>
17:30	<b>END OF SEMINAR</b>

For the most up-to-date and detailed programme for the event, please visit [www.imeche.org/mechconnectors2018](http://www.imeche.org/mechconnectors2018)

- 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

Registration fees include entry to the sessions, refreshments and a copy of the conference proceedings.

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Member, IMechE/supporting organisation	£290 + VAT = £348
Non-member	£420 + VAT = £504
Student/Retired	£140 + VAT = £168

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### THREE WAYS TO BOOK

- 1 Online:  
[www.imeche.org/mechconnectors2018](http://www.imeche.org/mechconnectors2018)
- 2 Email:  
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- 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.

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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.

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Please inform us of any special requirements, ie dietary or access, on the relevant section of the booking form or email [eventenquiries@imeche.org](mailto:eventenquiries@imeche.org)

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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

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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  
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### OTHER EVENTS TO LOOK FOR

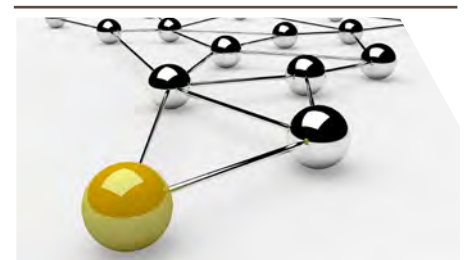


#### POWER PLANT OPERATIONS, MAINTENANCE AND FLEXIBILITY

**18 April 2018, Birmingham**

This seminar will bring together power industry professionals to share insights and best practice to address current operational and maintenance challenges facing operators and technology designers.

[www.imeche.org/powerplant2018](http://www.imeche.org/powerplant2018)



#### ESSENTIAL MANAGEMENT SKILLS

**18-20 April 2018, Coventry**

This three-day conference will equip today's engineers with the essential management skills required for success within line and project management roles.

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

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