

# PRESSURE TESTING 2017: BEST PRACTICE TO INCREASE SAFETY DURING TESTING

Institution of  
**MECHANICAL ENGINEERS**

Pressure Systems Group  
**Seminar**

**5 December 2017**  
One Birdcage Walk, London

## KEY SPEAKERS INCLUDE:

Paul Grady, HM Principal Specialist Inspector  
**Health and Safety Executive**

Dean McDermott, Turnaround Director  
**BP Upstream**

Brian Minchin, Business Development Manager  
**Lloyd's Register**

Stuart Turner, Lead Engineer PSSR,  
**BOC UK & Ireland**



## EXHIBITOR:

**ROSEN**

## IN ASSOCIATION WITH:

**PVMf**  
PRESSURE VESSEL MANUFACTURERS FORUM

## SUPPORTING ORGANISATIONS:

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SAFETY AND RELIABILITY SOCIETY

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## EVENT PARTNERS:

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# PRESSURE TESTING 2017

5 DECEMBER 2017

One Birdcage Walk, London

**WITH THE HIGH NUMBER OF REPORTED FAILURES AND INJURIES DURING PRESSURE TESTING IN THE LAST FEW YEARS, IT IS EVIDENT THAT THE GUIDANCE UP UNTIL NOW HAS NOT BEEN WELL UNDERSTOOD BY THE INDUSTRY.**

Pressure Testing 2017 is the only event to focus on the latest industry guidance and best practice for carrying out hydraulic and pneumatic pressure testing.

Attend to hear from the regulator about the current standards to ensure you are implementing safe and compliant procedures. Take away the lessons learned from real life examples of pressure testing, from both the manufacturing and end user side, and best practice for preventing failures.

Take this opportunity to discuss the real issues associated with failures during pressure testing with over 120 delegates, from pressure systems engineers to specialist inspectors.

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## KEY TOPICS INCLUDE:

- Hear from **BP** about post construction pressure testing in process plants
- **HSE** provide updates to the latest guidance, including the review of the GS4 guidelines
- **BOC** share learnings from real life pressure tests including inspection methodology used
- Learn about the current standard safety procedures from **Lloyd's Register**
- Gain insight into causes for pressure testing failure and how to avoid them from **ABB Consulting**

## ATTEND THIS SEMINAR TO:

- **Reduce** the risk of failure and injury during testing by gaining insight and best practice from end users
- **Hear the current industry guidance and standards** from the regulator to ensure you are meeting the requirements
- Discover the **latest methods and equipment** to improve the safety of your pressure testing
- Take the chance to shape the future of the pressure test industry through our **interactive sessions with key influencers**
- **Network and engage** with pressure experts from multiple sectors including power, oil & gas and water.

## ORGANISING / ADVISORY COMMITTEE:

Pressure Systems Group:  
**The Institution of Mechanical Engineers**

## MEMBERS CREDITS:

Charles Byrne, Technical Director  
**Graham Hart (Process Technology) Limited**

Paul Smith, Consultant  
**Wood Group**

**BOOK YOUR PLACE TODAY**  
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TERMS AND CONDITIONS APPLY

# PROGRAMME

## TUESDAY 5TH DECEMBER

09:00	REGISTRATION
09:30	<b>CHAIRMAN'S WELCOME</b>
	<b>SESSION 1: TEST THEORY AND WHAT CAN GO WRONG</b>
09:40	<b>UPDATE ON CURRENT STATE OF PRESSURE TESTING</b> Charles Byrne, Technical Director, Graham Hart (Process Technology) Ltd.
09:55	<b>COMPARISON OF CODES AND PRESSURE TEST THEORY</b> Simon Earland, Director, Earland Engineering Ltd.
10:25	<b>EXAMPLES OF FAILURE DURING PRESSURE TESTING</b> Paul Jackson, Function Leader Inspection and Integrity Management Team Leader, ABB Consulting
10:55	NETWORKING REFRESHMENT BREAK
	<b>SESSION 2: NEW EQUIPMENT, TESTING IN-SERVICE AND REPAIRS</b>
11:25	<b>SINGLE VESSEL HYDROSTATIC PRESSURE TESTING</b> Richard Knowles, Technical Director, QA Weld Tech
11:55	<b>PRESSURE TESTING IN THE REAL WORLD</b> Stuart Turner, Lead Engineer PSSR, BOC UK & Ireland
12:40	<b>MORNING QUESTIONS AND ANSWERS SESSION</b> An opportunity for the attendees to pose their questions to the morning speakers from the first two sessions in preparation for the third session.
13:00	NETWORKING LUNCH Take the opportunity to consider questions for the afternoon panel discussion and submit them to the panel
	<b>SESSION 3: NOTIFIED BODY AND REGULATORY BODY REVIEW</b>
14:00	<b>SETTING BENCHMARKS: HSE GUIDANCE GS4</b> Paul Grady, HM Principal Specialist Inspector, Health and Safety Executive
14:45	<b>PRESSURE TESTING: THE NEED FOR VIGILANCE</b> Brian Minchin, Business Development Manager, Lloyd's Register
15:15	<b>POST CONSTRUCTION PRESSURE TESTING</b> Dean McDermott, Turnaround Director, BP Upstream
15:45	NETWORKING REFRESHMENT BREAK
16:15	<b>INTERACTIVE PANEL SESSION: A NEW COLLECTIVE APPROACH</b> This panel will allow the audience to quiz the experts both on the panel and open up the discussion to all attendees, both through pre-submitted questions and live questions from the floor. <ul style="list-style-type: none"><li>• Summary of straw poll of the uptake of the guidance in industry</li><li>• How can we ensure better safety solutions through the use of specialised equipment?</li><li>• What metrics should we use to measure success?</li></ul>
17:00	<b>CHAIRMAN'S CLOSING REMARKS</b>
17:15	<b>END OF SEMINAR</b>

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

- 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	Standard Rate
Member, IMechE/supporting organisation	£290 + VAT = £348
Non-member	£420 + VAT = £504
Student/Retired	£139 + VAT = £166.80

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

### THREE WAYS TO BOOK

- 1 Online:  
[www.imeche.org/pressuretesting](http://www.imeche.org/pressuretesting)
- 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 the booking form or email [eventenquiries@imeche.org](mailto: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



### ANNUAL DINNER 2017

23 November 2017, London

The Institution of Mechanical Engineers Annual Dinner will take place at the Science Museum in London to celebrate the engineering profession.

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



### PUMPS, VALVES AND ACTUATORS

6-7 December 2017, Sheffield

Hear cross industry insights into the technical challenges surrounding these technologies, with input from the power, oil and gas and water industries.

[www.imeche.org/pva2017](http://www.imeche.org/pva2017)

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](http://www.imeche.org/events) for the complete list of events.

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