

ENGINEERING: PRESSURE SYSTEMS FOR MODERN SOCIETIES

**Institution of
MECHANICAL
ENGINEERS**

Pressure Systems is an exciting and essential area of engineering today. It is vital to tackling many of the issues the world faces, from ensuring safe, reliable and diverse supplies of energy to dealing with carbon capture. Industries ranging from oil and gas, nuclear and fossil power generation, to chemicals, plastics, food and pharmaceuticals all depend on pressure systems for production, while hospitals, factories and homes rely on pipelines and heating boilers to maintain quality of life.

This discipline covers both simple and complex pressure systems made up of boilers, pressure vessels, heat-exchangers, piping, pumps and valves, under varying conditions of pressure, heat, and stress. Key areas include design, manufacturing, materials, asset integrity and care, safety, legislation and codes, inspection, metallurgy, and stress analysis.

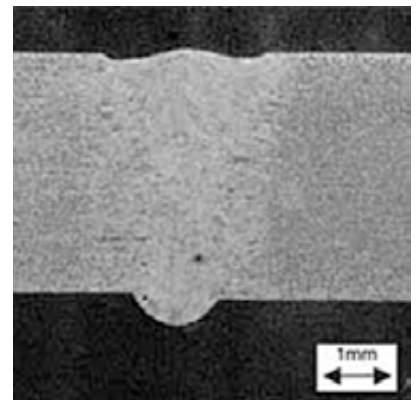
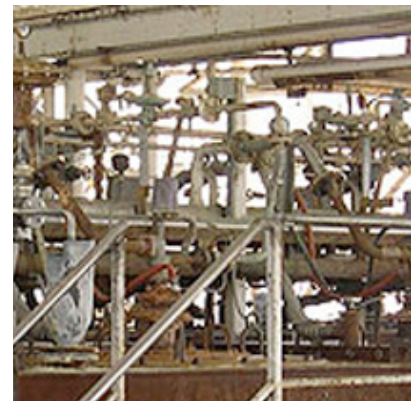
There is a huge need for engineering input and there are excellent job prospects for graduates and technicians in this ever evolving field. Employment can be found within industrial companies, regulatory agencies, universities, and research and consultancy organisations.

The Pressure Systems Group (PSG) of the Institution of Mechanical Engineers provides a focus for the community of pressure systems engineers to discuss current practice, hear about the latest technical advances and raise issues of concern. It aims to enable networking between different industries, and promote this growing and important field to all engineering professionals and the wider public.

PSG offers:

- a range of **seminars, conferences and other events**
- **courses** in conjunction with Strathclyde University
- **discussion days** on emerging industry issues
- **prestige lectures** on contemporary topics
- **representation** on relevant committees and bodies
- **Donald Julius Groen Prize** for pressure systems work
- web-based **discussion forum**
- a **Pressure Systems Newsletter**
- short, informative **webinars** both live and repeated

To find out more, visit www.imeche.org/industries/pressure
Please email your enquiries to psg@imeche.org
Or call Bubli Miah Events Executive on + 44 (0)20 7304 6829



HOW TO GET INVOLVED

Join us	<p>The Institution of Mechanical Engineers is the home of Pressure Systems engineering in the UK. Become a member and subscribe to the Pressure Systems Group to receive regular updates about events, new journals, and to receive our newsletter. Application forms are available online at www.imeche.org/membership</p>
Events	<p>The PSG run a series of exciting events examining key areas of concern and research. Regular topic areas include: Ageing Plant, Pipework, Non-Destructive Examination.</p> <p>Events include:</p> <ul style="list-style-type: none">■ Managing the Integrity of UK Underground Cross-Country Pipelines 17 November 2009■ When Things Go Wrong...What Happens Next? 13 May 2010 <p>A full programme of 2010 events will be released shortly</p>
Website	<p>To see PSG events, seminars and courses and the latest information and research at www.imeche.org/industries/pressure</p> <p>There is also a web-based discussion forum created to promote communication and networking. These forums provide a valuable information source from which IMechE members can exchange views and seek technical assistance. www.imeche.org/industries/pressure/forums.htm</p>
Newsletter	<p>The PSG are producing an annual newsletter detailing the activities of the PSG board as well as new pieces of research. To register your interest please email psg@imeche.org</p>
PSG Board	<p>The PSG Board manages the activities of the group and includes company directors, distinguished academics, senior engineers, managers and consultants. To get involved, either by contributing or signing up to the mailing list, please contact psg@imeche.org</p>
Feedback	<p>We are always keen to receive feedback on our services and ideas for new events. We are here to help you!. to get in touch contact psg@imeche.org</p>

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We look forward to hearing from you.