

Penspen “Essentials”
Knowledge Sharing Seminar

Presented by:
Dennis Keen and Susannah Turner

Location:
Bishop’s Court, 29 Albyn Place,
Aberdeen

Cost: **FREE**
Please pre-book as numbers are strictly limited.

Dates:
Thursday 21 January 2016
15:00 – 19:30



Background:

- Join us at our offices in Aberdeen for Knowledge Sharing sessions from two of our industry experts.
- We will present on the subjects of **Pipeline Legislation** and **Risk-based Remnant Life Extension**.
- Take part in roundtable discussions with our speakers and colleagues.

About the Presenters:

Dennis Keen is a Principal Consultant and Head of Integrity Management Systems for Penspen and has over 39 years’ experience in both the onshore and offshore gas and pipeline industry as a pipeline constructor and operator as well as in depth experience as a Safety Regulator with

the UK Department of Energy and Health and Safety Executive.

His key strengths are a comprehensive knowledge and depth of experience in Integrity Management Systems (PIMS/FIMS/SIMS) as well as detailed knowledge of UK health and safety law, asset management and quality systems.

Susannah Turner is a Principal Consultant at Penspen and is Chief Discipline Engineer for Pipeline Fitness for Service Assessment. Susannah is a graduate of the University of Cambridge and a Chartered Member of the Institute of Mechanical Engineers. She has over 20 years’ experience in the Oil and Gas Industry having worked in pipeline operations consultancy

and research. Experience and skills include pipeline integrity assessment, risk and reliability methods, pipeline management, offshore pipeline inspection, pipeline design, decision-making strategies, and maintenance and inspection planning. Susannah’s recent work has concentrated on pipeline integrity and risk management strategies, having developed risk-based inspection methodologies and strategies for a number of pipeline operators. Susannah also has qualifications and experience in education and training.

Seminar Overview

Pipeline Legislation:

Dennis will deliver a short seminar with the aim of providing those whose work involves them in the planning, design, construction, commissioning, operations, inspection, maintenance or abandonment of offshore pipelines with an understanding of UK legislation in respect of these activities.

The seminar will briefly describe the main duties placed on pipeline owners and operators under planning, safety and environmental legislation, including the Petroleum Act 1998, the Pipelines Safety Regulations and the Merchant Shipping (Oil Pollution Prevention etc.) Regulations. The roles of the various government departments will be described together with the authorisations that must be obtained and the duties that must be complied with. The interaction of pipelines with the new Offshore Safety Directive (Safety Case etc.) Regulations and the Prevention of Fire and Explosion, and Emergency Response. Regulations will also be addressed.

Risk-based Remnant Life Extension:

The cost effective management of the on-going integrity of ageing pipeline assets is a major concern for operators in the North Sea and elsewhere. The considerations for life extension beyond the original design life may add further complexity to this.

Best practice requires us to deal conservatively with uncertainties for the planning of pipeline integrity management activities, including dealing with immediate integrity issues and planning the next inspection. This can lead to what appear to be very conservative assessments particularly when considering the longer term lifetime performance of a pipeline. It will be discussed that separate, less conservative assessments designed to give a best estimate of remnant life are more appropriate for longer term asset management. This is required to give a more realistic understanding of the expected costs associated with repair and rehabilitation, and to plan for the retirement of assets.

During this seminar Susannah will consider these issues, discussing in particular the significance of uncertainties in pipeline remnant life assessment and the role that risk-based assessment has to play in the integrity management process.

Who should attend?

- The whole of the pipeline community, from senior managers to technical authorities through to developing engineers.



For further information or to book your place, please contact us at:

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