



## Process Safety Working Group Update

### Members meeting Feb 2014

Tony Stonehewer -Chairman

#### Members

Paul Riley

Bob Lawson

Ian Reed

Noj Sehmar

David Tidball

YanYen Chen

Greystar

Greystar

Northern Gas Networks

National Grid

Wales and West Utilities

Eon

#### Support

Nikki Barker

UKOPA

## PSWG Work Plan aligned to strategy

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- ❑ Annual pipeline safety indicator report
  - ❑ To develop process safety Key Performance Indicators (KPIs) Model for pipeline operators, to share annual performance results and publish reports to external stakeholders.
    1. Update questionnaire for 2013 issue for completion before April 2014
    2. Prepare, review and issue 2013 report by the end of June 2014
  
- ❑ Analysis and reporting of UKOPA member self assessment process safety questionnaire
  1. Carry out a survey of members on the benefits of PSAT and whether it is being used before end of March 2014
  2. Prepare a PSAT overview / marketing document and issue to members before the end of March 2014
  3. Prepare a document / handbook identifying the questions that are covered by PSAT before the end of February 2014
  4. Decide if PSAT tool is to continue to be used by UKOPA, if so frequency and arrange for tool to be more interactive / user friendly by June 2014

## PSWG Work Plan aligned to strategy

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- ❑ To share knowledge and good practice on process safety between UKOPA members.
  1. Update UKOPA Process Safety (Best) Good Practice Guidance document by February 2014 – **Updated and issued**
  2. Establish if there is some work required by UKOPA on SIL, scope and cost if required before June 2014
  - 5. Develop proposal for UKOPA accredited Process Safety Training Courses?**
  
- ❑ To develop process safety learning briefs from safety bulletins that have process safety implications.
  3. Prepare a UKOPA Process Safety Learning Brief (as opposed to Safety Bulletins)
  - 4. Establish if generic scores from HSE Pipeline Safety Regulation interventions can be obtained for UKOPA members, if so use this data to identify areas for further work by PSWG**

# UKOPA – Process Safety Course?



## Process Safety Leadership for Senior Executives

Course duration – 1 day

### What will I learn?

#### On completing the course participants will understand:

the business case for effective Process Safety Management.

the nature of major accidents and how hazards and risks are defined and quantified.

the key elements of Process Safety Management Systems.

assurance processes for effective risk management.

how to promote a positive Process Safety culture through effective engagement of the workforce.

the importance of good Process Safety leadership principles and how to implement them.

how to achieve continuous improvement in process safety performance.



## Process Safety Management Foundations

Course duration – 2 days

### What will I learn?

#### On completing the course participants will understand:

the benefits and key principles of process safety management.

how to identify hazards and assess the risks associated with hazardous substances and plant.

the need for effective measures to limit the consequences of a major accident.

the importance of identifying suitable safety critical equipment, implementing key risk control systems and the importance of sustaining their effectiveness.

how to apply learning from near misses.

how to monitor performance to achieve continual improvement in process safety performance.

# UKOPA Process Safety Training



## Process Safety Management for Operations

Course duration – 12 hrs ( 6x 2 hr modules)

### What will I learn?

On completing the course participants will understand:

**the business case for effective process safety management.**

**the hazards, risks and consequences associated with hazardous substances and processes.**

**the hazards, consequences and safeguards in the specific process or plant you operate or maintain.**

**how to keep the process safe - the role of operations (Operator & Maintenance) in ensuring effective process safety.**

**emergency planning and the need for effective measures to limit the consequences of process incidents.**

**the role of operations in applying learning from incidents and near misses.**

**the concept of continual improvement in process safety performance, and operations role in this.**

# HSE - Generic Performance Ratings

Use this data to identify areas for further work by UKOPA PSWG?



Performance Assessment					
Each risk control topic should be assessed against the following performance criteria, a score of 20 or 10 must satisfy all specified criteria.					
60	50	40	30	20	10
Unacceptable	Very Poor	Poor	Broadly Compliant	Fully Compliant	Exemplary
<p>Unacceptably far below relevant minimum legal requirements.</p> <p>Most success criteria are not met.</p> <p>Degree of non-compliance extreme and widespread.</p> <p>Failure to recognise issues, their significance, and to demonstrate adequate commitment to take remedial action.</p>	<p>Substantially below the relevant minimum legal requirements.</p> <p>Many success criteria are not fully met.</p> <p>Degree of non-compliance substantial.</p> <p>Failures not recognised, with limited commitment to take remedial action.</p>	<p>Significantly below the relevant minimum legal requirements.</p> <p>Several success criteria are not fully met.</p> <p>Degree of non-compliance significant.</p> <p>Limited recognition of the essential relevant components of effective health and safety management, but demonstrate commitment to take remedial action</p>	<p>Meets most of the relevant minimum legal requirements.</p> <p>Most success criteria are fully met.</p> <p>Degree of non-compliance minor and easily remedied.</p> <p>Management recognise essential relevant components of effective health and safety management, and commitment to improve standards.</p>	<p>Meets the relevant minimum legal requirements.</p> <p>All success criteria are fully met.</p> <p>Management competent and able to demonstrate adequate identification of the principal risks, implementation of the necessary control measures, confirmation that these are used effectively; and subject to review.</p>	<p>Exceeds the relevant minimal legal requirements.</p> <p>All success criteria are fully met.</p> <p>Management competent, enthusiastic, and proactive in devising and implementing effective safety management system to 'good practice' or above standard. Actively seek to further improve standards.</p>