



### PSWG Update

John Ferrari - Oct 2019

# PSWG - 2019

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***Last Meeting 8<sup>th</sup> October. 8 attendees (of 13 member organisations).***

***Next Meeting – Jan 2020***

***Last Meeting Agenda –***

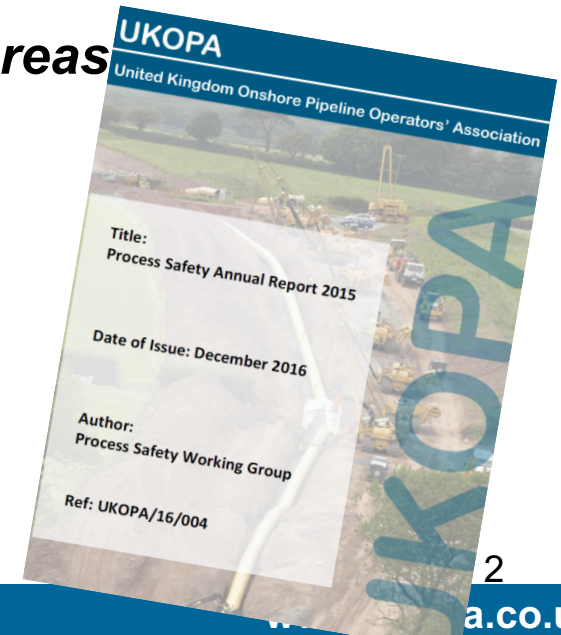
***Process Hazard Reviews – GPG Review of Quotations***

***Behavioural Safety / Human Factors – Focus Areas***

***PSAT Confirmation to Issue***

***Safety Alerts and Incident Awareness Raising***

***Process Safety Forum***



# PSWG Remit

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- ☐ **Conduct 2-yearly PSAT survey and prepare report**
- ☐ **To produce or update Good Practice Guides and Safety Bulletins with a process safety bias.**
- ☐ **Update the UKOPA Process Safety Good Practice Guide**
- ☐ **Issue Safety Alerts and Incident Awareness Raising**

# Process Safety Work Areas

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- ❑ In order to identify future work areas, members were requested to identify key process safety concerns.
- ❑ The issues raised were grouped and prioritised as;
  - Process Hazard Reviews**
  - Behavioural Safety / Human Factors**
  - Safety Culture & Leadership**
  - Management of Change (Leadership)**
  - Process Safety KPI's**
- ❑ Proposals and quotations have been received for a 'Sign-post' GPG for Process Hazard Reviews

# GPG for Process Hazard Reviews

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- ☐ **Seven requests for proposals were sent out and five proposals were received**
- ☐ **Wide variety of quality and interpretation**
- ☐ **Reviewed at PSWG meeting on 8<sup>th</sup> October**
- ☐ **Decision made to pursue a short-list of two. One appears to meet the specification as issued and within the budget expected. The other proposal is more radical but of great interest!**

# PSAT Update

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- ☐ **PSAT last conducted in 2016**
- ☐ **Issues with the computer system, so provided questions in spreadsheet format as well and members chose how to submit their answers**
- ☐ **With the system no longer supported, the process for getting results out is an extremely long and manual one**
- ☐ **In the interim decision made to 'tidy-up' the spreadsheet format and this will be issued to members imminently!**
- ☐ **Note: previous responses won't be provided unfortunately – unless you completed the 2016 input via the spreadsheet!**

# PSAT

Asset Records	GIS	2.50	2.00	0.25	2.00	2.50	1.00	1.50
	Pipeline Records - GIS	3.50	3.50	0.50	3.00	2.00	2.00	1.50
	Review & Update	1.50	1.50	0.00	1.00	1.50	1.50	1.50
	Results and Data - Inspection Data	2.25	2.50	2.25	2.25	2.25	2.50	2.50
	Operating Records (Pressure Cycles,	1.75	1.75	1.75	1.25	1.75	1.75	1.75

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# Safety Alerts

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- ☐ The proposal remains that one or more Safety Alerts are discussed at the beginning of each WG meeting using a simple UKOPA format or even just a photo or one-page summary. This would then hopefully generate at least 10 to 15 Safety Alerts per year.
- ☐ To end Sept 2019 there were 10 Alerts uploaded to the Members Centre – will share a couple at the end of the update
- ☐ The UKOPA secretariat at each WG will collate the information shared. PSWG would then put them into a standard UKOPA format and present a selection at the Technical Conference and Members meetings.

# Safety Alerts issued 2019

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- ☐ **UKOPA-SA-19-0253 – PSF Unplanned maintenance leading to hydrocarbon release**
- ☐ **UKOPA-SA-19-0254 – Pipeline theft a new threat (Europe)**
- ☐ **UKOPA-SA-19-0255 – HSE dead leg pipework alert**
- ☐ **UKOPA-SA-19-0256 – H2S exposure**
- ☐ **UKOPA-SA-19-0257 – Unauthorised work near a cross country pipeline**
- ☐ **UKOPA-SA-19-0258 – Use of 12V extension adapters**
- ☐ **UKOPA-SA-19-0259 – Incorrect storage of materials in company vehicles**
- ☐ **UKOPA-SA-19-0260 – Avoidance of pipeline damage due to use of barriers**
- ☐ **UKOPA-SA-19-0261 – Valve failure in cold weather**
- ☐ **UKOPA-SA-19-0262 – Asbestos**

# IChemE Hazards 30 Process Safety Conference

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- ☐ The IChemE have approached the PSWG to see if we would be willing to support Hazards 30 Conference in Manchester on May 18<sup>th</sup> to May 20<sup>th</sup> 2020.
- ☐ No financial obligation – just promotion!
- ☐ We're happy to support this, so promoting now!!
- ☐ See <https://www.icheme.org/career/events/hazards-30>

# PSWG Proposed Key Outputs 2019

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- ❑ Re-think of Safety Alert process **on-going**
- ❑ 2016 & 2017 Annual Process Safety Report – Issue reports
- ❑ Work on Process Hazard Reviews Good Practice Guide **in progress. Good progress made**
- ❑ Issue 2018 PSAT questionnaire following review of format and process **imminent!**

# Process Safety Forum

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- ❑ **Process Safety** is defined as a blend of engineering and management skills focused on preventing catastrophic accidents and near misses, particularly structural collapse, explosions, fires and toxic releases associated with loss of containment of energy or dangerous substances such as chemicals and petroleum products
- ❑ Managing **Process Safety** is essential and very often the issues that arise in one sector have direct relevance in other sectors. Useful general lessons can be learnt and principles adopted to promote a culture where good safety management is viewed as having a direct impact on the profitability and viability of any organisation be they large or small
- ❑ PSWG represent UKOPA on the PSF (Shagufta Barker, National Grid, attended the last meeting) and share information where relevant.