

UKOPA

United Kingdom Onshore Pipeline Operators' Association



PSWG Update February 2012

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UKOPA/12/0021

Outline of Update

- ❑ UKOPA PSI Report 2010
- ❑ Process Safety – Best Practice Guidance
- ❑ Current Activities

Annual Process Safety Report

- Why have one?
 - Allows us to compare performance year on year
 - Understand whether our safety strategy is working and where we need to focus our attention

- Why publish externally
 - Demonstrates we recognise the risk
 - Demonstrates we have an improvement strategy
 - Allows us to steer the Process Safety Agenda

UKOPA PSI Report 2010 – Highlights

❑ Inspection

- ❑ 17871 circa 70% of pipelines can be internally inspected
 - ❑ Does any member intend increasing the length which can be ILI?
- ❑ 14.7% (2662 km) pipelines were inspected in 2010 (1287 km) were inspected in 2009
- ❑ 14.1% (3010 km) of pipelines were externally inspected in 2011

❑ Failure and Fault Data

- ❑ 45 incidents including 1 product loss incident were recorded in 2010
- ❑ This indicates a failure rate of 4.47×10^{-5} failures per km, which is within the confidence level of 5.9×10^{-5} failures per km-yr over the last 5 years reported in the UKOPA 7th Product Loss Incident Report (1962 - 2010).
- ❑ 43 of the 45 faults were detected by ILI

UKOPA PSI Report 2010 - Highlights

- ❑ Pipeline Operating Pressure Limits –
 - ❑ No events where the Safe Operating Level was exceeded
 - ❑ 58 events where Normal Operating levels were exceeded
- ❑ Protective Devices
 - ❑ 100% of Protective devices were tested under planned maintenance activities
- ❑ Route Management
 - ❑ 100% of pipelines were surveyed on a two-weekly interval
 - ❑ 578 infringements were reported

UKOPA PSI Report 2010 - Highlights

Emergency Preparedness

- 102 of Staff were trained as Pipeline Emergency Response Officers
- 19 Joint Emergency Exercises with the Local Authority or Emergency Services to test the emergency plans
- 36 internal exercises to test the Pipeline Operators plans and procedures

Safety Alerts

- 28 safety alerts were shared by UKOPA members 50% increase on 2009 level (13 in 2009)

UKOPA PSI Report 2010

- Report compares 2010 data with 2009 data
- PSWG recommends this document is published under Pipeline Safety (open access) on the UKOPA website
- Propose collecting 2011 data now closure date end of June – publish in Sept 2011 prior to October meeting

Process Safety – Best Practice Guidance

- ❑ Draft circulated as UKOPA/11/0006 for comment – February 2011
- ❑ Feedback reviewed and comments addressed
- ❑ Recommended leading and lagging KPIs presented at the UKOPA October 2011 meeting
- ❑ Best Practice Guidance issued as UKOPA/12/0010
- ❑ PSWG recommends this document is published under Pipeline Safety (open access) on the UKOPA website

PSAT

- PSWG is reviewing the PSAT questionnaire – content and scoring
- Are there any more members who want to be involved in the review? – work to be carried out March – April
- The updated questionnaire will be circulated to UKOPA members for comment
- PSAT survey will commence in November 2012