

UKOPA Strategy 2007 - 2012

Review meeting with HSE, Sheffield 20th September 2007

UKOPA/07/0058

Introduction

- Strategy developed to
 - facilitate forward planning, identifying the Association's objectives in both the short and medium term (one year/five year time frames)
 - provide visibility for both internal and external stakeholders
 - help existing members, and pipeline operator non-members understand the benefits of being a member

Stakeholders

- Members who attend the meeting
- The management of the companies the members represent
- All the people involved in pipeline management in the member companies
- The HSE
- Local Authorities – emergency planners, land use planners
- Other joint industry bodies, PIG, PLUG, UKOOA, CONCAWE, EGIG
- Design Consultants
- Other government bodies, e.g. DTI
- The General Public
- Standards bodies, IGEM, BSI
- Contractors
- Other pipeline operators
- Other pipeline operators outside the UK
- EU legislative and standards bodies

Existing Activities – continue & develop

- Continue to share good practice for pipeline operations including arranging for appropriate presentations at Association meetings
- Continue to collect fault data related to onshore Major Accident Hazard Pipelines
- Continue to collect near miss data related to individuals carrying out work in the vicinity of members' UK onshore pipelines
- Take steps to reduce the incidence of third party damage to members' UK onshore pipelines
- Continue to develop risk assessment and hazard assessment methodologies to better understand the risk associated with the members' operations and ensure that these risks are appropriately controlled, including ensuring that appropriate land use planning controls are in place
- Continue to publish, through the website, industry requirements for work in the vicinity of members' UK onshore pipelines, e.g. requirements for the siting of wind farms and requirements for crossing members' pipelines
- Continue to represent the industry in discussions on pipeline issues with Central Government and the HSE e.g. the rateable value of pipelines and requirements for emergency planning
- Continue to develop competency requirements for individuals working in the onshore pipeline industry

New Activities – to develop

- Extension of fault database to include non major accident hazard pipelines
- Improve the exchange of information related to accidents and near misses by member companies in order that the learning from these accidents and near misses can be shared
- Reduce the number of Association meetings per year from 3 to 2, one of the 3 meetings would then be replaced by a technical seminar. The agenda for the technical seminar would be arranged to cover the sharing of best practice on operational and technical issues that are of interest to the Association members. The attendance at the technical seminar will be open so that member companies would be able to invite individuals from their organisations who they believe would benefit from attending the meeting
- Regular formal joint UKOPA-HSE strategy meetings will be arranged, typically once a year to agree and align future objectives for the UK onshore pipeline operators. Representatives from all pipeline product groups will be invited to attend

Deliverables – Safe operation of pipelines

- Publish safety bulletins based on industry incidents
- Create a website forum for communicating safety bulletins
- Share in meetings members incident/near miss experiences
- Collect and publish infringement data
- Communicate to individuals promoting works, risks and requirements for working in the vicinity of pipelines

Deliverables – Management of pipeline risks

- Collect and publish fault data for hazardous pipelines
- Publish code supplements
- Agree risk reduction mitigating measures
- Review Rod McConnell and Jane Haswell papers and publish on the open section of the website
- Publish UKOPA pipeline failure frequencies

Deliverables – experience, learning & best practice

- Publish documents on AC induced corrosion, DC stray currents, cathodic protection techniques.
- Annual technical seminar.
- Continue to arrange appropriate technical presentations at UKOPA meetings.
- Members to identify new successful techniques for problem solving

- [Sharing pipeline failure data with other interested groups – for example EGIG]

Deliverables – industry representation & influence

- Regular strategy level meetings with the HSE
- Regular UKOPA meetings
- Meetings with HSE on topics of joint interest

Aspirations - UKOPA

- Safe operation of pipelines
- Management of risks associated with pipelines
- Share experiences and learning and promote best practice
- Single industry body to represent the pipeline transportation (hazardous fluids) industry
- Influence legislation and ensure that legislation take account of the requirements of stakeholders in particular pipeline operators
- Ensure pipeline transportation remains a cost effective means of transportation
- Sharing of operational best practice and experience including competency and training
- Development of improved technical solutions to pipeline transportation
- Protection of the environment
- Codification of best practice
- Effective communication and influencing processes
- Cost effective technical solutions
- Consistent with documented good practice elsewhere in industry
- Access to other stakeholders e.g. (communication)

Aspirations - HSE

- Documented published advice in the public domain
- Independent verification where appropriate
- Ability to challenge and influence
- Compliant with government policy
- Single point of contact for industry view

Risk Assessment Working Group

- The best practice approach for the site specific risk assessment of new developments in the vicinity of MAH pipelines developed as code supplements to PD 8010 and IGE/TD/1 Ed 4 has been subject to significant expert review. Comments received have been subject to detailed consideration, and the drafts for public consultation are being progressed
- UKOPA has agreed a current best practice position regarding the approach to predictive modelling for pipeline failure frequency due to 3rd party interference
- A risk assessment methodology for gasoline pipelines has been completed
- Technical meetings have been held with HSE to discuss modelling of failure due to mechanical damage, prediction of the failure frequency for mechanical damage for specific pipelines, failure frequency due to natural landsliding, corrosion and material and construction failures
- UKOPA recommendations for pipeline failure frequencies due to the key damage mechanisms have been agreed

Fault Database Working Group

- A new contract for the ongoing update, development and maintenance of the fault database is being negotiated
- A data completion, checking and sign-off procedure has been introduced to provide a formal procedure for closing out the annual data reporting
- Regular reports database usage statistics are produced
- A report on recommended failure frequencies for all pipeline damage mechanisms based on analysis of fault data has been produced
- UKOPA is now submitting UK data to the EGIG failure database on behalf of pipeline operators responsible for natural gas/methane pipelines
- The FDMG has actioned the drafting of recommendations for the regular publication of fault as well as failure data

Infringement Working Group

- Formal UKOPA infringement data reports are now published annually by UKOPA
- HSE is now using data in discussions with contractor organisations
- A detailed statistical assessment of the infringement data has been carried out by HSL for HSE, and the results were provided by HSE to UKOPA
- The results indicate that the number of A1 infringements since October 05 has started to reduce, but the number of B1 infringements appears to remain constant
- Excavation safety webpage has been developed and is available on the UKOPA website
- Development of an Industry awareness DVD is being progressed
- The UKOPA article prepared by Guy Hemsley was published in full in the Land Drainage Contractors Association Journal and the Country Landowners Association Magazine with an abridged version published in Farmer's Weekly Magazine.