

UKOPA

UNITED KINGDOM ONSHORE PIPELINE OPERATORS' ASSOCIATION

**TERMS OF REFERENCE
AND
MEMBERSHIP OF WORKING GROUPS**

EMERGENCY PLANNING WORK GROUP

Terms of Reference

Aim

The aim of the Emergency Planning Work Group is to influence the development of new legislation and to identify, define and promote awareness of best practice interpretation and implementation of emergency planning requirements of major hazard legislation.

Objectives

The objectives of the Emergency Planning Work Group are:-

- i) To represent the UK pipeline operators (UKOPA) in discussions with the Legislator on major hazard legislation.
- ii) To share knowledge and best practice on emergency planning between UKOPA members.
- iii) To review, interpret and question the Legislator's proposals to amend and implement amendments to PSR 1996.
- iv) To influence the scope of testing, and ensure the value on pipeline operations is maximized.
- v) To ensure that pipeline operator interests are properly represented in the establishment of duties under major hazard legislation.
- vi) To collate relevant information from UKOPA members to input to any regulatory impact assessment.
- vii) To provide strategic advice on emergency planning and testing requirements to UKOPA.
- viii) To consider and brief UKOPA on the implications of the European Pipeline Safety Instrument on UK pipeline operations.

Organisation

The Working Group reports to the main UKOPA Committee.

i) Membership

The membership comprises representatives from all UKOPA full members, together with other relevant advisers / parties agreed by UKOPA. Current members are:-

J Haswell (Chairman)	-	Representing Transco
T Gillard	-	Shell
K Thomas	-	Huntsman
K Raeburn	-	BP
N Jackson	-	Transco
R White	-	TotalFinaElf

ii) Meetings

Meetings of the Work Group will be held as agreed by the membership in order to deal with the current workload.

**UKOPA Emergency Planning Work Group
2002 Deliverables**

No	Deliverable Details	Completion Date
1	Preparation of draft interpretive guidance and ACoP - Pipeline Emergency Plan Testing and Charging.	Dec 02
2	Preparation and presentation of pipeline operator input to consultation on ACoP.	Ongoing
3	Develop and maintain UKOPA database - Emergency Plan preparation, updating and testing charges.	Ongoing
4	Define and set-up PERO Update Course	Sep 02
5	Update register of PEROs	Dec 02
6	Support CAP EPLG and provide UKOPA representation as an interface between all parties involved in emergency planning.	Ongoing
7	UKOPA EP WG Status Report	Dec 02

RISK ASSESSMENT WORK GROUP

Terms of Reference

Aim

The aim of the UKOPA Risk Assessment Work Group is threefold:-

- a) As the expert body, provide information and expert opinion on pipeline risk assessment issues on behalf of UKOPA.
- b) Provide expert contact for UKOPA Communications and external contact on pipeline risk assessment.
- c) Provide a formal UKOPA interface with HSE on discussions and development of mutually acceptable approaches to pipeline risk assessment, definition of risk criteria, land use planning, design codes, and pipeline routing.

Objectives

- i) Establish, maintain and develop liaison with HSE, produce papers and case studies for HSE consideration and comment, influence towards a rational and logical approach by Regulatory Authorities towards pipeline risk assessment and Societal Risk assessment.
- ii) Develop, review and update the Industry view on application of risk assessment and risk criteria for land use planning, design codes (IGE/TD/1, BS8010, ISO) and routing.
- iii) Review and update methodologies for risk assessment of pipelines transporting –
 - (a) toxic, and
 - (b) flammable substances

to recommend a consistent approach to UKOPA, and to comment on risk assessments produced by others in UK, Europe and worldwide.
Specific areas of interest to include failure frequency data, release rates and mechanisms, dispersion and immediate consequences, ultimate consequences and mitigation aspects.
- iv) Develop Industry view of acceptable risk criteria for the assessment of –

- (a) toxic, and
 - (b) thermal pipeline hazards.
- iv) Proactively develop and progress UKOPA input to pipeline risk publications, conferences and seminars.

Organisation

The Working Group reports to the main UKOPA Committee.

i) Membership

The membership is drawn from interested UKOPA members, together with other relevant advisers / parties agreed by UKOPA. Current members are:-

Rod McConnell (Chairman)	-	ABB
Neil Jackson	-	Transco
Jane Haswell	-	Representing Transco
Roger Ellis	-	Shell
Philip Joyner	-	BP
Ken Thomas	-	Huntsman
P Davis	-	BPA

ii) Meetings

Meetings are arranged as required to progress current workload.

**UKOPA Risk Assessment Work Group
2002 Deliverables**

No	Deliverable Details	Completion Date
1	Preparation of UKOPA Strategy papers for submission to ACDS MHSC Working Group on Pipelines	Ongoing
2	Direction of technical agenda of ACDS MHSC Working Group on Pipelines re: <ul style="list-style-type: none"> • Land use planning zones • Risk assessment tools, models, methodology, criteria • Use of UKOPA failure data 	Ongoing
3	Develop and maintain UKOPA database - Land Use Planning applications.	Dec 02
4	UKOPA RA WG Status Report	Dec 02

FAULT DATA MANAGEMENT GROUP

Terms of Reference

Aim

The UKOPA Fault Data Base Management Group will collect data, develop, maintain and periodically report on pipeline faults of the notified major accident hazard pipeline population in the UK. The primary purpose being for the development of pipeline failure probabilities in the UK.

Objectives

To develop a database of the population of notified major accident hazard pipelines including a standard input format and report.

To develop a database of pipeline faults and failures including a standard input format and reporting.

To collect pipeline fault data annually and issue formal reports biannually on pipeline failure data.

To publish pipeline failure data in the public domain and to promote the use of this UK pipeline fault and failure data in design and risk assessments for UK pipelines.

To develop and promote the use of pipeline predictive modelling utilising UK fault data when assessing risks and design for UK pipelines.

To review the extension of the database to encompass other UK pipelines, including both additional MAHP lines and other products.

To share best practice in the recording and documenting of pipeline information.

Organisation

The Working Group reports to the main UKOPA Committee.

i) Membership

R Ellis (Chairman)	-	Shell
R McConnell	-	ABB

R Espinar	-	BP
K Thomas	-	Huntsman
D McHugh	-	Transco
B McCullough	-	HSE
R Greenwood	-	Advantica
A Watts	-	Powergen

ii) Meetings

Meetings of the Work Group will be held as agreed by the membership in order to deal with the current developments and workload.

Deliverables

No	Deliverable Details	Completion Date
1	Completion of Stage 2 - pipeline damage database	Jan 02
2	Publish pipeline failure data to end 2000	Sept 02
3	Pipeline failure prediction models	Nov 02
4	Publish technical paper on application of predictive models for pipeline failure.	Dec 02
5	Publish pipeline failure data to end 2002 and biannually thereafter	Sept 03

COMPETENCY AND TRAINING WORK GROUP

Terms of Reference

Aim

The aim of the UKOPA Competency and Training Work Group is to develop a fit for purpose framework for competency assessment and identification of training requirements for implementation by pipeline operators to demonstrate compliance with pipeline safety legislation.

Objectives

The objectives are:-

- i) To identify generic tasks / activities relevant to pipeline operators for which competency assessment is relevant.
- ii) To identify site / equipment specific competency requirements for which company specific competency assessment is relevant.
- iii) To develop practical competency profiles covering essential, relevant job requirements.
- iv) To propose a practical, fit for purpose approach for the assessment of competency, including the classification and recording of evidence which demonstrates/ confirms competency levels.
- v) To propose training requirements needed to support practical competency profiles.
- vi) To develop a simple database for the recording of competency assessment and training requirements data.
- vii) To draft management guidance for the implementation of a competency framework for pipeline operators.

Organisation

The Working Group reports to the main UKOPA Committee.

i) Membership

The membership comprises representatives from interested UKOPA members, together with other relevant advisers / parties agreed by UKOPA. Current members are:-

K Curtis (Chairman	-	Powergen
D Cullen	-	Shell
R White	-	TotalFinaElf
J Haswell (Secretary/Adviser)	-	Pipeline Integrity Engineers

ii) Meetings

Meetings of the Work Group will be held as agreed by the membership in order to deal with the current workload.

**UKOPA Competency and Training Work Group
2002 Deliverables**

No	Deliverable Details	Completion Date
1	UKOPA Competency Framework Document - Version 1	Jun 02
2	Publish technical paper	Sept 02
3	Report on UKOPA review and application	Dec 02
4	Develop proposals for further development (ie database)	Dec 02
5	Maintain liaison with GWINTO development of Occupational Standard in Pipeline Engineering	Ongoing