

PROCESS SAFETY FORUM

9 December 2015 – CIA Offices, Kings Buildings, Smith Square, London

Role / Trade Association	Present	Apologies
Chair	Paul Thomas	-
British Aerosol Manufacturers Association	Paul Jackson	
Chemical Business Association	Doug Leech	
Chemical Industries Association	Phil Scott	Steve Elliott
CBI Explosives Industry Group	Tom Smith	
Engineering Construction Industry Association		Richard Ash
Energy Networks Association		-
Institution of Occupational Safety and Health		Shelley Frost
Nuclear Industries Association Safety Director's Forum		Graham Finn
Oil & Gas UK		Robert Paterson
Penspen	Paul Riley	
RSSB		
Tank Storage Association	Hugh Bray Kevin Shepherd	
UK Onshore Pipeline Operators' Association		Tony Stonehewer
UK Petroleum Industries Association	Peter Davidson	Andy Roberts
UK Liquid Petroleum Gas	Richard Hakeem	
Scotch Whisky Association	Alison Galbraith	
Mineral Products Association		Ian Gibson
AWE Aldermaston	Jenny McGrother	
HSL Science Directorate	Ian Travers	
HSE HID	Linda Donachie	

The notes of this meeting were prepared by Doug Leech of the Chemical Business Association.

Notes and Actions approved by:

Paul Thomas

Chairman of the Process Safety Forum

Date approved:

Ser	Item	Action
1	Introductions, Minutes and Actions	
1.1	<p>Introductions</p> <p>Paul Thomas welcomed everyone to the meeting, and in particular Ian Travers and Linda Donachie who had both been invited to present agenda item 3.</p> <p>Phil Scott outlined the domestics for the day, and emergency arrangements.</p> <p>There was a round-table introduction for all.</p>	
1.2	<p>Minutes and actions from last meeting</p> <p>The minutes from the 21st July 2015 meeting were approved without amendment. Paul Thomas thanked Hugh Bray for writing the minutes and a summary will be posted on the PSF website</p> <p>Action July/15/001 Outstanding, relates to identification of relevant learnings from the Santiago de Compostella rail crash. Paul Thomas to follow up this and also the recent SPAD in the UK.</p> <p>Action July/15/002 - Completed</p> <p>Action July/15/003 - Completed</p> <p>Action July/15/004 - Completed</p> <p>Action July/15/005 - Completed</p> <p>Action July/15/006 No further information has been received against this action. PD to contact Ian Gibson to progress.</p> <p>Action July/15/007 The item is being handled by EEMUA. It is likely that the final document will be available by the next meeting in 2016</p> <p>Action July/15/008 The draft learning brief has been circulated for comments. Once collated the learning brief will be posted on the website</p> <p>It was suggested that the link to the CSB video for this incident should also be added to the existing Buncefield learning brief as the two incidents were so similar.</p>	<p>Dec/15/001</p> <p>Dec/15/002</p> <p>Dec/15/003</p> <p>Dec/15/004</p> <p>Dec/15/005</p>
2	Safety Messages	

<p>2.1</p> <p>2.2</p> <p>2.3</p>	<p>Daily Safety Messages</p> <p>There was a reminder that it has been 10 years since the Buncefield incident and that the COMAH Strategic Forum will be publishing a progress report which will be posted on the HSE website.</p> <p>Paul Riley indicated there had been a small release of gas at an installation which was attributed to a lack of communication throughout the process. The project had been planned accordingly but then aspects had not been communicated effectively leading to confusion and the incident.</p> <p>Peter Davison indicated they had a document on their website in relation to this aspect and agreed to share a link with the PSF.</p> <p>Richard Hakeem indicated that there was an issue with regard to the temperature that the exhausts of the new Euro 6 trucks run at. He is in the process of developing a learning brief on the subject. Peter Davidson indicated that this issue had been reviewed as part of the SLPS scheme and there were some issues regarding the 'closing cycle' time for these systems and agreed to share the information.</p>	<p>Dec/15/006</p> <p>Dec/15/007</p>
<p>3</p>	<p>Inspection Protocols</p>	
<p>3.1</p> <p>3.2</p>	<p>Ian Travers, formerly of HSE HID Policy, is working with HSL (HSE Science Directorate) on a project to better target interventions at COMAH sites. HSE resources are becoming scarce so it was decided to develop a methodology to concentrate on vulnerable controls to determine the effectiveness of the Process Safety Management at the site.</p> <p>The project has 10 workshops to trial the basic process that has been developed and currently 7 have been undertaken, once the 10 are complete a report will be presented to HSE.</p> <p>Ian agreed that the presentation could be supplied to the members of the forum.</p> <p>Linda Donachie then gave a brief presentation into the review she is currently undertaking in relation to intervention planning. It has become apparent that the internal intervention planning process is burdensome and cumbersome by design and needs streamlined to make more effective use of time. Linda is currently talking to trade associations and some of their members to determine the usefulness of the plans to COMAH sites</p>	
<p>4</p>	<p>COMAH Strategic Forum update</p>	
<p>3.1</p>	<p>Peter Davidson gave a brief resume of the work being undertaken by the COMAH Strategic Forum following the presentation given at the last PSF meeting by Ken Rivers. The forum has undertaken a gap analysis and since agreed to form four specific working groups to address the gaps.</p> <ol style="list-style-type: none"> 1. Performance reporting – chaired by Paul Logan, HSE 2. Process Safety Leadership – chaired by Peter Davidson, UKPIA 3. Engagement with other sectors – chaired by Peter Newport, CBA 4. Transparency and visibility – chaired by Steve Elliott, CIA 	

	<p>Group 2 has already started but all four will work through 2016 to deliver updates and reports.</p> <p>It was announced that UKLPG are likely to join the CSF in 2016.</p>	
5	Sharing of Best Practice	
5.1	<p>Non directional coaching</p> <p>Jenny McGrother indicated that AWE was undertaking a programme of 'non directional coaching' for some of its staff to develop them better and allow them to better understand where to gather information. She agreed to write a few paragraphs regarding the approach and would update the PSF in 6 to 9 months on the progress.</p> <p>Phil Scott explained that a CIA member had developed a syllabus in this area and agreed to share the information accordingly</p>	<p>Dec/15/008</p> <p>Dec/15/009</p>
6	PSF sector level PSPI review	
6.1	<p>Review of feedback from PSPI questionnaire and next steps</p> <p>This process is on-going</p>	
7	PSF Communications	
	<p>There was a brief discussion about how the PSF could communicate better. It was agreed that the COMAH Strategic Forum output could be helpful once published.</p>	
8	CDOIF update	
8.1	<p>Update on current CDOIF projects</p> <p>Peter Davidson reported:</p> <ol style="list-style-type: none"> 1. A working group had been formed to address the topic "Human Factors – improving techniques", this would compliment the recently completed work on "Human Factors – review of procedures". The task team had drafted Terms of Reference and were working towards a completion date in Q2 2016. 2. Draft Terms of Reference for "Guidance for the preparation of a Seveso III Article 4 dangerous substances dossier" had been circulated to CDOIF members and nominations for working group members were being sought. Alison Galbraith enquired if she could be added to the circulation list, as co-chair Doug Leech agreed. 3. The work to distil out key messages from the PSLG final report for other sectors, which had been suspended at a late stage due to resource issues, has now been picked up by EEMUA. It is intended that this will be published on completion. 4. The Environmental Tolerability document has been revised and consulted within the CDOIF membership. The second edition will be published in Q1 2016 and will see additional information regarding ground water recuperation times 5. A new working group is being formed to look into legacy systems and how to demonstrate IEC61511. Jenny McGrother enquired whether Peter Davidson had contacted the Safety Critical Systems Club which he had not. He agreed to contact them to participate in the WG 	<p>Dec/15/010</p> <p>Dec/15/011</p>

9	Recent incident review	
9.1	Despite the risks of entering confined spaces under nitrogen blankets is well known and documented there has been another case in Japan where a well-trained and monitored an employee was found dead inside a tank.	
9.2	A road tanker was left unattended by its driver and on their return discovered a 'passer-by' had opened the valves to the tanker and discharged 600 litres of Acetone. The tank had vacuumed preventing further spillage. Further details are not yet known but under ADR regulations this product should not be left unattended in vulnerable areas.	
9.3	A Romanian driver in the UK went to sleep due to lack of driving hours. When he awoke he set off but was on the wrong side of the road. He collided with a car which resulted in a fatality.	
10	Closing statements	
10.1	Any other business Paul Riley indicated that UKOPA had recently utilised a number of the PSM tools and found them extremely useful. He thanked the PSF for their work so far AWE are to undertake a major review of the Dangerous Substances and Explosive Atmospheres Regulations The Environment Agency are currently developing a delivery guide regarding flood resilience.	
10.2	The High Pressure Gas Safety Institute of Japan (KHK) Education & Publication Department had visited a number of UK associations (CBA, UKPIA & UKLPG) to discuss learnings from a project they undertook following an increase in incidents. The basic conclusions mirrored the UK situation following Buncefield Date and venue for the next meeting: The Date of the next meeting will be agreed through a doodle poll.	

ACTION LIST			
No.	Description	Owner	Target
Dec/15/001	Identification of relevant learnings from the Santiago de Compostella rail crash and the recent SPAD in the UK.	RSSB / Paul Thomas	April 2016

Dec/15/002	Contact Ian Gibson to determine progress of the development of a Learning Brief suitable for use by SME's	Peter Davidson	April 2016
Dec/15/003	Draft the final report on the PSPI review	Peter Davidson	April 2016
Dec/15/004	Develop Learning Brief for CAPECO explosion Puerto Rica	Peter Davidson	April 2016
Dec/15/005	Add CSB video link to CAPECO incident into Buncefield learning brief	Peter Davidson	April 2016
Dec/15/006	Share UKPIA link to COMAH contractors document	Peter Davidson	April 2016
Dec/15/007	Share Euro 6 learning brief	Richard Hakeem Peter Davidson	April 2016
Dec/15/008	Share brief summary of non-directional learning programme	Jenny McGrother	April 2016
Dec/15/009	Share PSM syllabus	Phil Scott	April 2016
Dec/15/010	Doug Leech to include Scottish Whiskey Association into Article 4 WG circulation	Doug Leech	April 2016
Dec/15/011	Pass over details of the Safety Critical Systems Club to Peter Davidson	Jenny McGrother	April 2016
Dec/15/012			April 2016