

## Benzene exposure and cancer incidence in the Norwegian petroleum industry – what are the needs for risk reduction?

Expert workshop on 5<sup>th</sup> November 2015, Måltidets hus, Richard Johnsens gate 4, 4021 Stavanger

Time	Presentation
9.00 - 9.15	<b>Introduction and background - goals of the meeting</b> Petroleum Safety Authority (PSA)
9.15 – 9.40	<b>Recent activities and important questions on benzene in Norwegian petroleum industry</b> Karl-Christian Nordby, National Institute of Occupational Health in Norway (Stami)
9.40-9.50	<b>Introduction to IARC Monographs' evaluations on the carcinogenicity of benzene</b> Kurt Straif, MD PhD MPH, Head IARC Monographs International Agency for Research on Cancer (IARC), World Health Organization
9.50 - 10.20	<b>Status and critical questions in the risk assessment of benzene</b> Roel Vermeulen, PhD, Associate Professor IRAS Environmental Epidemiology Division, Utrecht University, the Netherlands
10.20 – 10.35	<b>Current status - occupational exposure limits for benzene</b> <b>Ongoing work in EC/SCOEL working group</b> Elisabeth Ravn, The Norwegian Labour Inspection Authority –cancelled, see the notes
10.35 – 10.50	Break
10.50 - 11.15	<b>Cancer incidence and benzene exposure in Norwegian offshore workers</b> Tom K Grimrud, MD PhD, Senior researcher, Cancer Registry of Norway
11.15 – 11.30	<b>Short orientation on benzene exposure in the cancer registry studies</b> Jorunn Kirkeleit/Magne Bråtveit, University of Bergen
11.30-12.00 (2 x 15 min)	<i>Industry perspective:</i> <b>Health monitoring of employees exposed to chemicals</b> Kjetil Todnem, The Norwegian Oil and Gas Association (Norsk Olje og Gass)
	<b>Identification, assessment, control and follow-up of benzene exposure</b> Ellen Kristine Jensen, The Norwegian Oil and Gas Association (Norsk Olje og Gass)
12.00-12.45	Lunch
12.45 – 13.15 (2 x 15 min)	<i>Worker unions perspective:</i> <b>Benzene exposure in the oil and gas industry- an underestimated health risk</b> Halvor Erikstein, Safe
	<b>Benzene exposure in the oil and gas industry – are workers at risk?</b> Ali Reza Tirna, Landsorganisasjonen i Norge – cancelled, see the notes and PPT
13.15-13.30	<b>Comments from operators:</b> Trond M Schei, Director HSE Assurance & Industrial Hygiene, ConocoPhillips Scandinavia Jacob Nærheim, Chief Engineer Working Environment, Statoil ASA
	Break/Coffee
...13.30-15.00	<i>Round table discussion, presenters and participants:</i> <b>Does the scientific evidence on benzene exposure match the current situation in the industry? Strengths and weaknesses of current risk management. What is the way forward?</b> Facilitator: Pål Molander, National Institute of Occupational Health in Norway (Stami)
15.00-15.15	<b>Concluding the expert workshop</b> PSA