

Step Change Safety Alert Template



Alert Title

Small weep of gas found coming from 10" flexible vent hose

What leaked and where from? E.g.: "Lube oil leak from compressor system open vent"

Incident Date

21/09/13

The date on which the incident occurred, not when this form was completed

Location Type

Fixed Production

E.g. Floating/Fixed Production, Drill Rig, Vessel, etc.

Specific Equipment Involved

Braided flexible vent hose

Give as much detail as possible about the equipment involved

Description of What Happened

In preparation for the annual shutdown and during a controlled venting operation the platform production technician noticed a slight smell of gas around the platform bridge area. At first due to the still weather conditions he thought it was coming from the vent stack, however on further investigation using a gas tester in the area found a small leak coming from the braided flexible vent hose. The platform fixed gas detection did not pick up any gas due to the small volume. The controlled venting commenced at 00:20 with the starting pressure 14psig, when the smell of gas was noticed the pressure was at 3psig.

Be as detailed as possible. Give equipment history and approximate time(s) of actions/occurrences related to the incident

Cause of Incident

Defective Equipment - The defective (holed) braided flexible hose resulted in the unplanned release of hydrocarbons

Build from OIR/12 checklist

Incident Consequences

Equipment replacement costs below Circa \$10K

Include the release itself and any subsequent emergency actions/dangerous occurrences

Lessons Learned

Items not able to be inspected need a definitive replacement regime in place

Include a few bullet points clarifying what was learned from the incident

Recommendations/Actions

- Ensure that the flexible hose registers are comprehensive
- Develop a Flexible Hose Management plan following review of the Management of Flexible Hose Assemblies Guidance (Energy Institute/Oil & Gas UK/HSE)
- Immediate review of the Flexible Hose register to identify High risk hydrocarbon hoses and those that have passed the guidelines replacement date
- Identify all due dates for hose replacements and include in Maintenance management system to control and manage hose change-outs

Include a few bullet points stating any recommendations/actions that will be made/taken as a result of the lessons learned

Contact Details (Optional)

If you would like your submission to be anonymous, leave this section blank