

Step Change Safety Alert Template



Alert Title

Platform General Alarm Due To Indication of Gas at Truss Deck

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

Incident Date

22/03/2012

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

H2S \ Dewpoint Analyser

Give as much detail as possible about the equipment involved

Description of What Happened

Following work on the pipeline gas crossover pipework and reintroduction of hydrocarbon gas to the pipeline, the platform went to general alarm status as a result of gas in the Telecoms module HVAC Intake. The system had been N2 tested to 133 bar the day previously and had been live with hydrocarbons for 30 minutes prior to the alarm. A Supervisor was on site at the time, observed the leak and safely isolated the source on his way back to muster.

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

Cause of Incident

DESIGN: FAILURE RELATED TO DESIGN - A 1/2" Swagelok Cap was found to be missing from a redundant leg of the line to dewpoint analyser. The threads of the small bore pipe showed signs of corrosion and it is thought the cap was blown off and lost to sea.

Build from OIR/12 checklist

Incident Consequences

Platform blowdown manually initiated and gas crossover pipework isolated and blown down.

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

Lessons Learned

The pipework that failed had been isolated for the main pressure test as it had not been part of the work scope. A full system pressure test should have been conducted.

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

Recommendations/Actions

- Reviewed and updated work Instructions for the reinstatement and testing of process equipment to include small bore piping and fittings
- Provide coaching to platform team on what is expected of them
- Verify Swagelok competence of individuals
- Share the learning's from this incident with platform personnel and those planning and executing upgrade worksopes.

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