

Step Change Safety Alert Template



Alert Title

Sight Glass Gas Leak

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

Incident Date

18/11/2013

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

Sight Glass

Give as much detail as possible about the equipment involved

Description of What Happened

A gas detector in a production module came in to low level alarm. Two Operations Technicians with gas meters were deployed to investigate. The technicians discovered a gas leak from the level sight glass on a Slug Suppression Device (SSD). Platform Alarm was initiated and the process was then shutdown and blown down to zero bar.

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

Cause of Incident

Corrosion under insulation

Build from OIR/12 checklist

Incident Consequences

Process shutdown and blown down to zero bar and local isolation applied. 124kg vapour loss

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

Lessons Learned

Coating breakdown went unnoticed because it was covered by insulation and concerns did not surface during routine inspection.

Insulation was not removed because it was not reported to be in bad condition and it is not routinely removed for examination.

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

Recommendations/Actions

Remove bridle from service

Review the current inspection strategy for this and similar pipework within the standard inspection model.

Raise awareness of CUI and the consequences of damaged paintwork in the corrosion awareness programme

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