

Step Change Safety Alert Template



Alert Title

Small gas weep identified in vent line as gas introduced

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

Incident Date

27/07/2013

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

Pipework and fittings, valve

Give as much detail as possible about the equipment involved

Description of What Happened

4" valve from export header was opened manually to vent gas to atmosphere in line with correct procedures. Upon opening the valve it became immediately apparent that there was a pin hole in the piping just downstream of this valve (within 18") on the 4" line. The Valve was immediately closed.

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

Cause of Incident

This valve had been subject to the action following an anomaly report to replace 32 flange nuts and a recommendation to clean and paint the remaining sections of the valve body in June 2013. The flange studs and nuts were replaced and the valve body was grit blasted and painted as recommended. A further approximately 18" section of the 4" diameter vent pipework was also grit blasted and painted, this additional section had not been inspected and was not included on the anomaly report. The decision to carry this out was made by the painters. During the grit blasting process to remove the rust, a section of the pipe developed a pin hole resulting in a very small weep from the pin hole when the line was put back into service.



Build from OIR/12 checklist

Incident Consequences

Negligible due to immediate actions

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

Lessons Learned

- Closer supervision of contractor work scopes to ensure only work requested is completed.
- Review integrity RBI scheme and techniques available.

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

Recommendations/Actions

- To mitigate future issues of this kind, the procedure included in the work pack has been amended to undertake Inspection following any cleaning and painting of pipework prior to being put back into service.

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