

Step Change Safety Alert Template



Alert Title

Gas release from venting hose

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

Incident Date

24/12/2012

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

Venting Hose

Give as much detail as possible about the equipment involved

Description of What Happened

Due to low seal gas temperature on the HP flash gas compressor, it was necessary to vent the HP seal gas system. A hose was prepared for the activity and connected to the seal gas filter drain. A technician then questioned his colleague on the status of the other end of the hose and believed that the hose was ready to be pressure tested – the second technician HAD NOT confirmed the hose status and the hose had NOT been connected at the other end.

The technician proceeded to open the valve at the seal gas filter, resulting in a release of gas from the open hose into the module. The second technician saw the gas and instructed his colleague to close the valve. The valve was closed, however the gas was detected by the platform fire and gas system, resulting in a topsides shutdown and blowdown.

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

Cause of Incident

Human error: hose left unconnected to the blow down point.

Human error: poor communication between work parties

Build from OIR/12 checklist

Incident Consequences

0.4Kg gas released. Gas detection automatically initiated a topsides shutdown & blowdown. Platform Muster.

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

Lessons Learned

Incident caused by Human error due to lack of proper communication and high noise levels in module due to an adjacent compressor. Work permit did not identify the use of temporary hoses as a hazard, although it did mention them in the task description.

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

Recommendations/Actions

1. Coach and raise awareness of Operation team around taking sufficient time for the job and proper communication. Also, supervisors are to set appropriate expectations.
2. Order helmet mounted communications earmuffs/micas for trial across shifts
3. Revise work control instruction to recognise temporary hoses as a potential hazard.

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