

Step Change Safety Alert Template



Alert Title

Gas Release from Fuel Gas Skid drain Line

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

Incident Date

01/12/2013

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

Location Type

FPSO

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

Specific Equipment Involved

½" Manual Drain Valve ball type

Give as much detail as possible about the equipment involved

Description of What Happened

Shortly after production was restarted, gas was smelt by a workparty who were working on the process deck in the vicinity of the fuel gas skid. It was quickly identified that a drain line on the fuel gas skid was open allowing hydrocarbon gas to vent in to the bund below. This valve was immediately shut.

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

Cause of Incident

During the fitting of insulation to the fuel gas skid filters the valve was inadvertently knocked and left in a partially open position

Build from OIR/12 checklist

Incident Consequences

2.27 Kg of HC gas was released to atmosphere.

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

Lessons Learned

The hazard of potentially knocking open drain line valves and causing a gas release has been missed by risk assessments focusing too much on the task and not the surrounding environment.

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

Recommendations/Actions

Consideration should be given to locking open/locking close single valve isolation and updating P&ID's accordingly
Generic Risk assessment to be updated to include valve awareness and controls

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