

Step Change Safety Alert Template



Alert Title

Gas leak from open 1/4" valve on gas turbine generator

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

Incident Date

05/04/2013

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

Ball valve on gas generator

Give as much detail as possible about the equipment involved

Description of What Happened

Whilst collecting daily readings in the main generator room an operations technician detected a slight smell of gas around the gas turbine. Upon immediate investigation he noticed that a 1/4" ball valve on the fuel gas inlet pipe work on the engine skid was open to atmosphere. The valve was subsequently closed and capped. The pressure in the pipe work is regulated at 5 psi. The generator room is force draft ventilated.

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

Cause of Incident

Valve found uncapped & slightly open. Suspect valve knocked during maintenance activities.

Build from OIR/12 checklist

Incident Consequences

0.5 KG Methane released

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

Lessons Learned

Suspect valve knocked during maintenance activities and was probably not identified due to forced ventilation dispersing any small amounts of gas

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

Recommendations/Actions

Ensure caps on open ended / valved pipework

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