

# Step Change Safety Alert Template



## Alert Title

Gas weep from damaged pressure indicator instrument tubing.

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

## Incident Date

20/06/2013

*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

Pressure transmitter on fuel gas line

*Give as much detail as possible about the equipment involved*

## Description of What Happened

A smell of gas was reported around the gas turbine enclosure. A small gas weep was found from the fuel gas pressure indicator. The supply tubing was found to be damaged. The unit was taken offline to repair.

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

## Cause of Incident

MECHANICAL FAILURE/FATIGUE/WEAROUT

*Build from OIR/12 checklist*

## Incident Consequences

5 KG Natural Gas Methane

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

## Lessons Learned

This failure is suspected to be due to a combination of normal work hardening of the tube end during assembly and then cracking as a result of mechanical damage which has bent the tube immediately behind the nut. The instrument tubing was not supported sufficiently along its length.

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

## Recommendations/Actions

Repair the instrument tubing and provide adequate support.

*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*