

# Step Change Safety Alert Template



## Alert Title

Gas leak from 6 inch flange on gas cooler outlet

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

## Incident Date

14/01/2012

*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

Flange on cooler system

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

## Description of What Happened

A possible leak under a fin fan cooler was reported to the control room operator by a member of the platform crew. Two operations technicians went to investigate. There was evidence of liquid dripping from a flange at the top of the fin fan gas cooler E1021. Following closer investigation it was evident that a 6" flange on the outlet manifold was leaking hydrocarbons.

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

## Cause of Incident

The root cause for the incorrect torque settings is unknown

*Build from OIR/12 checklist*

## Incident Consequences

5 KG Natural gas released

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

## Lessons Learned

Potential under torquing during (historic) maintenance activity.

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

## Recommendations/Actions

Check torque settings on equipment which has not been disturbed for many years

*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*