

# Step Change Safety Alert Template



## Alert Title

Gas release in turbine enclosure.

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

## Incident Date

14/08/2012

*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

High pressure train

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

## Description of What Happened

Operations were conducting a compressor wash on the Train 1 High Pressure compressor. Whilst draining liquids from the compressor drain to the HP vent, gas migrated into the Train 2 turbine enclosure via ventilation system. The train 2 compressor was offline and isolated for unit shutdown.

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

## Cause of Incident

PROCEDURAL/NON-COMPLIANCE WITH PROCEDURE/PERMIT TO WORK

*Build from OIR/12 checklist*

## Incident Consequences

The gas migrated through the system and 0.1kg of gas was released to atmosphere.

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

## Lessons Learned

The isolation was initially set up correctly. The isolation then had to be retagged and in doing this one vent valve was left in an open state.

Some valves required for isolation of train 2 were not uniquely identified to enable correct cross referencing with P&IDs. There was no record that the initial isolation had been checked by a second Isolating Authority (IA).

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

## Recommendations/Actions

Uniquely Number all valves associated with the isolation and update the P&ID's.

Implement a rolling programme for isolation integrity checks, checking drawings and valve numbering.

All isolation must be checked by a second person to ensure their integrity is secure.

*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*