High Potential Incident Alert - 128

January 2013

Pressure control valve temperature excursion

INCIDENT SUMMARY

A build-up of ice occurred on a gas export compressor pressure control valve (PCV) and associated downstream pipe work due to internal leakage of the PVC. Checks of the system data identified that the PVC was operating outside its design temperature envelope.

CRITICAL FACTORS

1. The vendor's INtools software system contained incorrect data as a result of the process document's data not being updated correctly. This resulted in the incorrect valve being procured.
2. The data error was not recognised despite the conduct of HAZOPs and document checks, nor was it recognised by the experienced valve vendors.

KEY LESSONS

- Maintain strong safety culture behaviours – speak up, be mindful and stay vigilant.
- Do not let schedule compromise the conduct of HAZOPs.
- Ensure identified corrective actions are dealt with and actively closed out throughout the whole project lifecycle.

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High potential incident alerts are distributed by APPEA for the Australian oil and gas industry to highlight learnings from incidents. For more information, contact Leanne Drewitt, Project Manager – Safety & Operation, ldrewitt@appea.com.au. Find more online at www.appea.com.au