

FLAME RETARDANT PLANT PREVENTS PRODUCTION LOSS

EVENT REPORTED by SAM GUARD®

A redundant cooling agent pump had mechanical problems, causing reflux temperature to rise in all the plant's reactors

How SAM GUARD® Helped

- SAM GUARD® detected a rise in temperature in the reflux condenser flow back to the reactor
- SAM GUARD® also found that the cooling agent pump's on/off valve was opening and closing frequently
- SAM GUARD® issued an alert about the behavior of the pump.
- Plant engineers found that the redundant pump had mechanical problems. It reactivated the original pump, which worked correctly, and temperatures returned to normal.

COST / DOWNTIME AVOIDED

- The malfunctioning pump was causing reactor temperature to rise, which could have resulted in production loss and a rise in emissions

- Traditional controls did not pick up on the rise in temperature

