CONDENSATOR OPERATION

EVENT REPORTED by SAM GUARD®

Detected a problem with condensate outlet temperature of a secondary cooler was dropping gradually over the last six months.

It reached the lowest value of 2°C by 27.01.22. The temperature is dependent on the upstream air cooler temperature regulation.

MAINTENANCE TEAM FINDINGS

The temperature regulation is very prominent for the production engineers to do a deeper analysis.

After the shutdown last year in August 2022, the set point of the upstream control valve was set cold that nothing condensed at the downstream cooler.

COST / DOWNTIME AVOIDED

Earlier alert helped with preventing the complete valve failure.

CUSTOMER FEEDBACK

“It was an interesting event from a process monitoring perspective and helps with optimal control of assets.”