

CRITICAL PUMP FAILURE PREVENTED

EVENT REPORTED by SAM GUARD®

- Detected a problem with the pump which is critical for inlet flow rate to distillation column.
- The alert was generated on 06.09.21 when the pump temperature was slowly rising and reached a maximum value of ~88°C.
- The issue was very prominent and clear on SAM GUARD® for the production engineers to take further action.

IMPACT

If the issue had been left undetected, the pump could have failed during a running batch process. Also, for safety issues, it is important to avoid any bearing problems, an overheating motor or coupling issues in the pump.

MAINTENANCE TEAM FINDINGS

The plant engineers analyzed the alerts and told maintenance to check the issues with the pump.

COST / DOWNTIME AVOIDED

Production loss and product loss was prevented.

