

# FOULING IN SUPERHEATER

## EVENT REPORTED by SAM GUARD®

Detected a problem with process temperature of superheater in the boiler.

There was a continuous temperature increase over the last six months, with a difference of 100 Kelvin.

## MAINTENANCE TEAM FINDINGS

Initial suspicion of clogging or dirt build up since it is located closer to the exhaust channel.

An internal maintenance report was made to do an on-site inspection and repair in case of deeper developing issues.



## **COST / DOWNTIME AVOIDED**

Earlier alert helped with complete failure of the super heater.

## **CUSTOMER FEEDBACK**

“The plant team was surprised with this temperature increase, since this is not desired from an operational perspective and could cause serious temperature control issues in the boiler.”