

MANUFACTURING SAFETY ALERT

Ask Yourself
“Could it happen here?”

DESCRIPTION OF EVENT

Arc Flash

During normal operating conditions, a three-phase 60-amp breaker experienced an internal failure on the line side, resulting in an arc flash. This caused two additional breakers, including the main breaker, to trip.

Fortunately, no one was injured. Work was immediately suspended to allow for a thorough inspection of the panel. The area was secured with red tape to prevent unauthorized access.



SUGGESTED ACTIONS

- Review thermal scan process and frequency to ensure electrical issues are identified.
- Restrict access of potential arc flash areas to authorized personnel only.
- Send components off to determine cause of failure.
- Review plant for other panels that present arc flash risks outside MCC room.

MOST IMPORTANT TAKE AWAY

Arc flash incidents can occur unexpectedly.

Ensure you follow all safe work procedures when opening electrical equipment and locking out.

