

MANUFACTURING SAFETY ALERT

Ask Yourself
“Could it happen here?”

DESCRIPTION OF EVENT

An electrician was called to troubleshoot a melted plastic odour at the Twin Bandmill MCC. He checked the bucket for loose or damaged connections and could not locate the cause of the odour.

The odour was noticed occasionally throughout the remainder of the shift. When the electrical supervisor arrived the next morning, he conducted a thermal scan and found there was a melted connection on the line side of the C phase East Bandmill breaker.



SUGGESTED RECOMMENDATIONS

To reduce fire risk, schedule preventive maintenance for electricians to clean MCC cabinets.

1. Schedule preventive maintenance to conduct regular thermal scans of MCCs.
2. Ensure thermal scans are part of troubleshooting when melting plastic odour is detected.

MOST IMPORTANT TAKE AWAY

When a melted plastic odour is noticed in or around a MCC unit give the electricians time to troubleshoot the problem or consider shutting down the equipment until additional help arrives.

