

# MANUFACTURING SAFETY ALERT

Ask Yourself  
“Could it happen here?”

## DESCRIPTION OF EVENT

### Hydraulic Pump Overheating

A truck driver pulled up to the truck dump to dump his first load of residuals at 7am. The driver noticed the B-train drop deck hydraulic pump was still running from the last B-train truck load at 3:30am. The driver discovered the tipper shack was full of smoke. He immediately shut down the pump and called the loader operator for assistance.



During the incident investigation, it was discovered the B-train drop deck control switch had been propped open using a metal bar. This allowed the pump to run excessively and it overheated and damaged the pump.

## SUGGESTED ACTIONS

- Shut down the pump and tag it out of service. Investigate why someone would prop open the control switch.
- Replace pump.
- Add thermal protection to the hydraulic unit to prevent overheating and assess if there are other pumps requiring overheating protection.

## IMPORTANT TAKE AWAY

Add thermal protection to the hydraulic unit to prevent overheating and assess if there are any other pumps requiring overheating protection.

**MAG**  
Manufacturing Advisory Group



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