

CFM-DT-10 Detection and/or suppression system compromised - no signal on fire or potential fire situation

Failure to detect and/or respond to a heating/fire situation, caused by:

- Detection system does not fail to safe e.g no low-pressure alarm
- Alarm override, alarm failure
- Lack of system health checks (equipment can be operated with detection/suppression systems not functional with no alarm state occurring)
- Fire system health checks are not actioned in subsequent processes

This Credible Failure mode is addressed by:

- 🛡️ BI-01.43 Required system health checks before mobile equipment operation - information for operator by vehicle type specifying: access and escape, alarms, fire suppression, auto shutdowns and other relevant protective systems
- 🛡️ BI-02.01 Introduction of equipment to site process
- 🛡️ BI-02.08 Fire suppression system is integrated into machine operation
- 🛡️ BI-02.09 Regular checking and maintenance of alarms and monitors
- 🛡️ BI-02A.80 System that monitors thermal digital fingerprint
- 🛡️ BI-05.06 Regular monitoring of equipment status that predicts fires, alarms on equipment, and notifies
- 🛡️ BI-09B.03 Operator Fire Training