

# CFM-DE-32 Fire suppression system fails because of interface logic issues

Caused by:

- Automatic or manual system activation signal sent but not received by fire suppression system
- Automatic or manual system activation signal sent and received by fire suppression system which activates but fails to suppress the fire because of a sequence issue i.e. cooling fans are still running

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-01.52 Skilled and experienced personnel are accountable for selection of mobile equipment
- 🛡️ BI-01.53 Skilled and experienced personnel are accountable for maintaining fire detection and suppression systems on mobile equipment
- 🛡️ BI-02.08 Fire suppression system is integrated into machine operation
- 🛡️ BI-02A.01 Fit for purpose equipment selection processes - General
- 🛡️ BI-02A.30 OEM Designs provide for installation of fire detection and suppression systems
- 🛡️ BI-02A.46 Fire suppression specification for mobile equipment
- 🛡️ BI-02A.60 Specification for an OEM Fire protection evaluation for mobile equipment