

## **CFM-LR-03 External fuel introduced to mobile equipment begins to smoulder or burn - not able to extinguish**

After an external fuel fire is detected and complications for extinguishing arise from:

- Inadequate fire suppression system (insufficient volume)
- FSS medium not suitable for the fire type
- FSS medium cannot access the source/seat of the fire
- Malfunctioning or insufficient fire extinguishers
- Proximity of burning vehicle to a key fuel source (magazine, fuel bay, etc. - which triggers a TARP requirement to withdraw and extinguishing efforts to cease)

Credible Failure mode is addressed by:

- 🛡️ BI-02.12 Serviced and checked fire extinguishers on mobile equipment
- 🛡️ BI-02.23 Engine compartments are cleaned to prevent fuel build up
- 🛡️ BI-02.40 Introduction and Control of Materials on Site
- 🛡️ BI-02A.30 OEM Designs provide for installation of fire detection and suppression systems
- 🛡️ BI-03.03 Effective management of flammable dust
- 🛡️ BI-09B.03 Operator Fire Training