

CFM-5ST-10 Regulator prosecution

Equipment design amplifies operator mistakes:

- Turn indicators that are not self-cancelling
- Blind spots on haul trucks
- Operator position on LHD

Caused by:

- Equipment selected for use is sub-optimal in the operating environment (wrong equipment for task)
- Carefully selected equipment has design deficiencies (best available equipment still has design improvement opportunities)
- Operator interfaces (control systems) being inadequate or having poor ergonomics
- Control system faults lead to unintended equipment operation
- The consequences for the operating site include a loss of production, legal costs, increased operating costs, representational damage, prosecutions and fines

This Credible Failure mode is addressed by:

- 🛡️ BI-02D.01 Fit-for-purpose equipment selection and site use approval processes
- 🛡️ BI-02D.02 Standards that set minimum requirements for cabin integrity, restraints, access and escape, autoshut downs and other relevant protective systems
- 🛡️ BI-02P.01 All safety and operational systems on mobile equipment are maintained
- 🛡️ BI-05P.04 Skilled and experienced personnel are accountable for specifying and selecting mobile equipment and mobile equipment components
- 🛡️ BI-05S.02 Effective incident reporting, investigation with effective corrective actions