



# Hazard Alert

## Effective Emergency Safety Devices



Recent incidents have identified emergency devices/procedures that were not as effective as they could have been. It is important that machines and equipment are designed that if there is a failure their failure doesn't lead to tragedy.

### Typical Emergency Safety Devices:

- Gas detectors
- Fall Arrest Harnesses
- Emergency isolation valves
- Trips, photo eyes and alarms
- Firefighting equipment
- Bilge Pumps
- Emergency Escape Hatch
- Wheel Chocks
- Personal Flotation Device
- Emergency Stop Button
- Working Alone Man Checks

### Best Practices:

- Consider the worst-case scenario when a machine or piece of equipment suddenly fails or malfunctions. If this outcome is intolerable, then safeguards must be engineered or utilized to mitigate or prevent that outcome.
- Emergency Safety Devices should be evaluated and tested at such intervals to ensure they will work if needed. Monthly safety tours should review safety devices/procedures.



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