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| Preventing Fires on Vehicles and Mobile Equipment |  |

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| **Name:** |  | **Date:** |  |
| **Job Description:** |  | **Location:** |  |

# Performance Metrics

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| Any exposed engine / transmission parts at the rear of the cab shielded from liquid splashes to prevent spillage of hydraulic oil or product on hot surface. |  |  |  |
| Exhaust is shielded from liquid splashes. On vehicles with catalytic converters the catalytic converter is insulated and shielded. Transmission oil cooler lines are shielded from catalytic converter. |  |  |  |
| Electric wiring located away from hot surfaces, fuel lines, oil lines and brake lines. Wiring provided with suitable mechanical protection throughout the length of the run. Wiring for process control and prime mover body sheathed in rigid conduit. All wiring fixed and supported to protect it from mechanical damage. |  |  |  |
| Fuses or circuit breakers fitted to all circuits. |  |  |  |
| Prestart inspection is conducted using documented checklist for equipment before every shift. As part of prestart inspection, operator checks for leaking fluids in engine compartment and from process equipment. |  |  |  |
| Fuel hoses routed away from hot surfaces e.g. exhaust and secured and located to prevent mechanical damage. Fuel system in engine bay is located away from turbo charger. |  |  |  |
| Hydraulic hoses routed away from hot surfaces or shielded e.g. exhaust, and secured and located or protected e.g. by overwrap, to prevent mechanical damage. |  |  |  |
| Turbo chargers have a fire wall in between turbocharger and process and hydraulic lines. Oil lines supplying turbo lubrication are steel braided highpressure lines. |  |  |  |
| Equipment fitted with emergency stop(s) to shut down hydraulic drives in event of fire. |  |  |  |

# Supervisor Task Requirements

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| Verify that pre-start inspections are carried out using checklist. |  |  |  |
| Arrange for identified defects to be repaired promptly |  |  |  |

# Operator / Maintainer Requirements

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| Conduct pre-starts using check list. |  |  |  |
| Report any defects. |  |  |  |
| Replace shielding, supports or protection removed during maintenance. |  |  |  |

# Comments/Actions