

2.4) Fire Suppression System

- 2.4.1- All diesel operated equipments shall be provided with suitable type of Automatic Fire Detection and Suppression System conforming to DGMS(Approval) circular No.02 of 2013 or its revised version.
- 2.4.2- The fire suppression system shall provide automatic fire detection and suppression for all the following parts of the equipment:-
- Engine, transmission, hydraulic pumps and tanks, fuel tanks. Exposed brake units, air compressors and battery areas, as applicable, on all diesel powered equipments
 - Fuel containers and electric panels or controls used during fuel transfer operations on fuel transportation units.

2.4.3- The fire suppression system shall include a fire alarm and system fault

- annunciate that can be seen and heard by the operator.
- 2.4.4- The fire suppression system shall provide for automatic engine shutdown when the alarm alerts the operator. Engine shutdown and discharge of suppressant agent may be delayed for a maximum of fifteen seconds after the fire alarm annunciate alerts the operator.

- 2.4.5- Manual actuators: At least two manual actuators shall be provided with at least one manual actuator at each end of the equipment. If the equipment is provided with an operators compartment, one of the manual actuators shall be located in the compartment within easy reach of the operator. For stationary equipment, the two manual actuators shall be located with at least one actuator on the stationary equipment and at least one actuator at a safe distance away from the equipment, and air intake.