Federal Aviation Administration, DOT

§ 23.1183 Lines, fittings, and components.

(a) Except as provided in paragraph (b) of this section, each component, line, and fitting carrying flammable liquid system must be an essential electrical load.  

POWERPLANT FIRE PROTECTION

§ 23.1181 Designated fire zones; regions included.  
Designated fire zones are—  
(a) For reciprocating engines—  
(1) The power section;  
(2) The accessory section;  
(3) Any complete powerplant compartment in which there is no isolation between the power section and the accessory section.  
(b) For turbine engines—  
(1) The compressor and accessory sections;  
(2) The combustor, turbine and tailpipe sections that contain lines or components carrying flammable fluids or gases.  
(3) Any complete powerplant compartment in which there is no isolation between compressor, accessory, combustor, turbine, and tailpipe sections.  
(c) Any auxiliary power unit compartment; and  
(d) Any fuel-burning heater, and other combustion equipment installation described in § 23.859.  
[Doc. No. 26344, 58 FR 18975, Apr. 9, 1993, as amended by Amdt. 23–51, 61 FR 5138, Feb. 9, 1996]

§ 23.1182 Nacelle areas behind firewalls.  
Components, lines, and fittings, except those subject to the provisions of § 23.1351(e), located behind the engine-compartment firewall must be constructed of such materials and located at such distances from the firewall that they will not suffer damage sufficient to endanger the airplane if a portion of the engine side of the firewall is subjected to a flame temperature of not less than 2000 °F for 15 minutes.  
[Amdt. 23–14, 38 FR 31816, Nov. 19, 1973]

§ 23.1183 Lines, fittings, and components.

(a) Except as provided in paragraph (b) of this section, each component, line, and fitting carrying flammable