



CITY OF MANTECA - FIRE DEPARTMENT

FIRE PREVENTION BUREAU

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REFRIGERATION EQUIPEMENT OPERATIONAL PERMIT REQUIREMENTS

105.6.40 Refrigeration Equipment. An operational permit is required to operate a mechanical refrigeration unit or system regulated by Chapter 6.

Refrigerant. The fluid used for heat transfer in a refrigeration system: the refrigerant absorbs heat and transfers it at higher temperature and a higher pressure, usually with a change of state.

Refrigerating System. A combination of interconnected refrigerant-containing parts constituting one closed refrigerant circuit in which a refrigerant is circulated for the purpose of extracting heat.

606.9.1 Refrigeration system emergency shutoff. A clearly identified switch of the break-glass type or with an approved tamper-resistant cover shall provide off-only control of refrigerant compressors, refrigerant pumps and normally closed automatic refrigerant valves located in the machinery room. Additionally, this equipment shall be automatically shut of when the refrigerant vapor concentration in the machinery room exceeds the vapor detector's upper detection limit or 25 percent of the LEL, whichever is lower.

Additional requirements may apply.