The alarm panel shall be a factory assembled, wired and tested unit and shall conform to all the requirements of the latest edition of NFPA 20, *Standard for Installation of Stationary Pumps for Fire Protection* and NFPA 70, *National Electrical Code*.

The alarm panel shall be listed by Underwriters' Laboratories, Inc., in accordance with UL508, *Standard for Industrial Controls*, certified by CSA, *Standard for Industrial Control Equipment (cUL)* and approved by Factory Mutual.

The alarm panel shall be low voltage DC and make use of printed circuit boards which can be easily wired together for future additional alarms.

The alarm panel shall have individual pilot lights to indicate its alarm condition which shall remain lighted until the alarm condition has been corrected. The alarm panel shall also have an audible alarm which will sound when the alarm conditions occur and may be silenced by pressing a SILENCE ALARM push-button.

Each alarm initiation shall be subsequent to any and all previous alarm conditions so that the silence push-button acknowledgment of any one alarm will not prevent the audible alarm from sounding on successive alarm conditions.

The alarm panel shall have a PUSH-TO-TEST push-button for manually testing all pilot lights, audible alarms and output circuits. All alarm pilot lights and push-buttons shall be plainly marked for identification.

The alarm panel shall be NEMA Type 2 (IEC IP11) drip-proof for indoor wall mounting.

The alarm panel shall be a Firetrol model FTA200-A for use with electric fire pump controllers or model FTA200-F for use with diesel engine fire pump controllers.

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SP200-50