Risk Logic®

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Fire/Booster Pump Churn Testing Log

Weekly / monthly churn tests using the automatic starting mechanism (i.e., pressure drop) should be performed on the fire/booster pump(s) at this facility.

- Electric motor driven pumps should be run **weekly** (for vertical turbine pumps, for pumps in high-rise buildings, for pumps provided with limited service controllers, if suction source alone provides limited value) for at least 5 to 10 min.
- Electric motor driven pumps should be run **monthly** (if redundant pump provided, suction source alone provides material value) for at least 5 to 10 min.
- Diesel engine driven pumps should be run **weekly** for at least 30 min. at rated speed. In addition, the fuel tank level should be checked and maintained at least 3/4 full, the quality and quantity of crankcase oil should be checked and the batteries and battery charger should be inspected for proper operating conditions.
- Always contact the central station alarm company or on-site proprietary alarm station prior to conducting any tests.

Date	Pump No.	Suction Pressure (psi)	Discharge Pressure (psi)	Diesel Pumps Only		Alarms Received (Y/N)	Comments	Tested By
				Engine Speed (RPM)	Fuel Tank Level (3/4 min.)			