

B. Station Batteries

1. Weekly surveillance will be performed to verify the following:
 - a. The active metallic surface of the plates shall be fully covered with electrolyte in all batteries,
 - b. The designated pilot cell voltage is greater than or equal to 2.0 volts and
 - c. The overall battery voltage is greater than or equal to 120 volts (Diesel battery; 112 volts).
 - d. The pilot cell specific gravity, corrected to 77 °F, is greater than or equal to 1.190.

2. Quarterly Surveillance will be performed to verify the following:
 - a. The active metallic surface of the plates shall be fully covered with electrolyte in all batteries,
 - b. The voltage of each connected cell is greater than or equal to 2.0 volts under float charge and
 - c. The specific gravity, for each cell, is greater than or equal to 1.190 when corrected to 77 °F. The electrolyte temperature of every fifth cell (Diesel; every fourth cell) shall be recorded for surveillance review.

3. At least once per 18 months during shutdown, the following tests will be performed to verify battery capacity.
 - a. Battery capacity shall be demonstrated to be at least 80% of the manufacturers' rating when subjected to a battery capacity discharge test.
 - b. Battery low voltage annunciators are verified to pick up at 115 volts \pm 1 volt and to reset at 125 volts \pm 1 volt (Diesel; 112 volts \pm 1 volt).