

- (1) This test applies only to any battery that has a mounting or case that contains a weld.
- (2) A battery or cell must undergo the electrical performance test of paragraph (k) of this section while the battery is under ambient conditions before the battery undergoes this operating environment test and again while the battery is subjected to the operating environment.
- (3) This test must include continuous monitoring of the battery to verify that the required voltage regulation is maintained while supplying the required operating steady-state current. The monitoring must have a sample rate of once every 0.1 millisecond or better. Any dropout constitutes a test failure.
- (4) The same three sample batteries must undergo each test designated with an X in that column and the same 12 sample cells must undergo each test designated with an X in that column. For tests designated with a quantity of less than three, each battery tested must be one of the original three sample batteries.
- (5) Each battery or cell sample must undergo this test at the end of the wet stand time after the last operating charge.
- (6) This test only applies if normal operation of the battery includes charging.
- (7) For each of the three battery samples, no less than one cell that is representative of the cells that make up the battery must undergo this test. These cells, no less than three, are in addition to the 12 cells of the far right column.