

Firing Tests:	E417.27(m)(1)		
All-Fire Voltage:	E417.27(m)(2)		
Ambient-temperature	E417.27(m)(5)	1	3
High-temperature	E417.27(m)(6)	2	3
Low-temperature	E417.27(m)(7)	2	4

<sup>(1)</sup> This test must subject each component sample to the qualification environmental level.

<sup>(2)</sup> An exploding bridgewire must undergo this test only it contains internal protection circuitry such as a spark gap.

<sup>(3)</sup> For each column, the component samples required at the top of the column must be from the same production lot and each component sample must undergo each test designated with an X. For a test designated with a lessor quantity, each sample exploding bridgewire tested must be one of the original samples for the column.

<sup>(4)</sup> Five exploding bridgewires from the same lot must undergo each test designated with an X to extend the service-life of the remaining exploding bridgewires from the same lot for one year.

<sup>(5)</sup> Ten exploding bridgewires from the same lot must undergo each test designated with an X to extend the service-life of the remaining exploding bridgewires from the same lot for three years.

<sup>(6)</sup> In order to extend an exploding bridgewire's service-life, the bridgewire must undergo the tests required by the one-year column or the three-year column before its initial service-life or any previous service-life extension expires.