

**Table E417.31-5**

Percussion-activated Device  Service-life Extension <sup>(1)</sup>	Section	Quantity Tested <sup>(3)</sup>	
		1 Year <sup>(4)</sup>	3 Years <sup>(5)</sup>
		X=5	X=10
Component Examination:	E417.5		
Visual Examination	E417.5(b)	X	X
Dimension Measurement	E417.5(c)	X	X
Leakage	E417.5(h)	X	X
X-ray and N-ray	E417.5(f)	X	X
Non-Operating Environmental Tests and Operating Environmental Tests:	E417.9		
Thermal Cycling <sup>(2)</sup>	E417.11(h)	X	X
High-temperature Storage	E417.9(c)	-	X
Shock <sup>(2)</sup>	E417.11(e)	X	X
Random Vibration <sup>(2)</sup>	E417.11(c)	X	X
Component Examination:	E417.5		
Leakage	E417.5(h)	X	X
X-ray and N-ray	E417.5(f)	X	X
Percussion-activated Device Firing Tests:	E417.31(d)(1)		
High-temperature	E417.31(d)(3)	2	5
Low-temperature	E417.31(d)(4)	3	5

<sup>(1)</sup> Each test required by this table applies to a fully assembled percussion-activated device including all internal ordnance. In order to extend a percussion-activated device's service-life, the device must undergo the tests required by the one-year