

Table E417.21-1

Manually Activated Silver-Zinc Battery Acceptance	Section E417.13(a)	Quantity Tested X= 100% of Batteries
Cell Capacity	E417.21(b)	Cell Sample <sup>(3)</sup>
500-Volt Insulation	E417.21(c)(1)	X
Proof Pressure	E417.21(d)	X
Electrolyte	E417.21(e)	X
Battery Mounting and Case Integrity <sup>(1)</sup>	E417.21(f)	X
Component Examination:	E417.5	
Visual Examination <sup>(2)</sup>	E417.5(b)	X
Dimension Measurement <sup>(2)</sup>	E417.5(c)	X
Identification Check <sup>(2)</sup>	E417.5(e)	X
Weight Measurement <sup>(2)</sup>	E417.5(d)	X
Pre-Activation <sup>(2)</sup>	E417.21(g)	X
Continuity and Isolation <sup>(2)</sup>	E417.21(c)(2)	X
Performance Verification:	E417.3(d)	
Monitoring Capability <sup>(2)</sup>	E417.21(h)	X
Heater Circuit Verification <sup>(2)</sup>	E417.21(i)	X
Coupon Cell Acceptance <sup>(2)</sup>	E417.21(r)	1 cell per flight battery
Activation <sup>(2)</sup>	E417.21(j)	X
No-load Voltage <sup>(2)</sup>	E417.21(c)(3)	X
Pin-to-case Isolation <sup>(2)</sup>	E417.21(c)(4)	X
Electrical Performance <sup>(2)</sup>	E417.21(k)	X
Pin-to-case Isolation <sup>(2)</sup>	E417.21(c)(4)	X
Battery Case Proof Pressure <sup>(2)</sup>	E417.21(d)(2)	X

<sup>(1)</sup> This test applies only to any battery with a mounting or case that contains a weld.

<sup>(2)</sup> A battery must undergo this test at the launch site just before installation.

<sup>(3)</sup> For each battery, no less than one cell that is representative of the cells that make up the battery must undergo this test. This test need not take place at the launch site.