

<b>Below are test standards developed by NFPA, designed specifically for fire ground environments and the rugged use requirements of firefighters.</b>	<b>IP67</b>	<b>ATEX</b>	<b>NFPA</b>	<b>Below is the NFPA 1982-2018 Edition –Test Methods Reference– The complete document can be downloaded at:</b>	<b>Page Number</b>
<b>Sound Pressure Level Tests</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>Sound Pressure Level Tests 8.2</b>	<b>1982-23</b>
<b>Electronic Temperature Stress Test</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>Electronic Temperature Stress Test 8.3</b>	<b>1982-24</b>
<b>Corrosion Resistance Test</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>Corrosion Resistance Test 8.4</b>	<b>1982-25</b>
<b>Heat and Immersion Leakage Test *</b>	<b>See Table 2</b>	<b>NO</b>	<b>YES</b>	<b>Heat and Immersion Leakage Test 8.5</b>	<b>1982-26</b>
<b>Case Integrity Test</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>Case Integrity Test 8.6</b>	<b>1982-26</b>
<b>Shock Sensitivity Test</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>Shock Sensitivity Test 8.7</b>	<b>1982-27</b>
<b>Impact Acceleration Resistance Test</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>Impact Acceleration Resistance Test 8.8</b>	<b>1982-28</b>
<b>Vibration Resistance Test</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>Vibration Resistance Test 8.9</b>	<b>1982-28</b>
<b>Retention System Test</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>Retention System Test 8.10</b>	<b>1982-29</b>
<b>Water Drainage Test</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>Water Drainage Test 8.11</b>	<b>1982-29</b>
<b>High Temperature Functionality Test</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>High Temperature Functionality Test 8.12</b>	<b>1982-30</b>
<b>Heat and Flame Test</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>Heat and Flame Test 8.13</b>	<b>1982-31</b>
<b>Signal Frequency Test</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>Signal Frequency Test 8.14</b>	<b>1982-35</b>
<b>Signal Frequency Test</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>Signal Frequency Test 8.15</b>	<b>1982-36</b>
<b>Product Label Durability Test</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>Product Label Durability Test 8.16</b>	<b>1982-36</b>
<b>Tumble-Vibration Test</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>Tumble-Vibration Test 8.17</b>	<b>1982-36</b>
<b>PASS Alarm Signal Muffle Test</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>PASS Alarm Signal Muffle Test 8.18</b>	<b>1982-37</b>
<b>VERY IMPORTANT – Mandatory Annual Product SEI Test Lab Recertification</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>VERY IMPORTANT – Mandatory Annual Product SEI Test Lab Recertification</b>	
<b>VERY IMPORTANT – Mandatory Annual Manufacturer On-site Production Audit</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>VERY IMPORTANT – Mandatory Annual Manufacturer On-site Production Audit</b>	
<b>Intrinsic Safety</b>	<b>NO IP67</b>	<b>NO ATEX</b>	<b>YES UL913</b>	<b>ATEX is only an electrical standard and very limited for firefighter use. NFPA IS ALSO INTRINSICALLY SAFE but MUCH BETTER THAN ATEX because NFPA must pass all of the tests listed above.</b>	

	<b>Stand-Alone NFPA compliant PASS/DSU when integrated with a BA</b>	<b>Stand-Alone NFPA compliant PASS/DSU when used without a BA</b>	<b>Can be offered as a Stand-Alone NFPA compliant PASS/DSU (no BA required) with the option of use with a Wireless Accountability System</b>
<b>MSA Motion Scout</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
<b>Draeger Sentinel 1500</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>
<b>Grace Stand-alone NFPA PASS/DSU</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>