TABLE 1—ACCEPT AND REJECT CRITERIA FOR OPERATIONAL TEST LOTS

<table>
<thead>
<tr>
<th>Lot size</th>
<th>Individual sample size</th>
<th>Sample</th>
<th>Cumulative sample size</th>
<th>Accept 1</th>
<th>Reject 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>280 or less.</td>
<td>8</td>
<td>First</td>
<td>8</td>
<td>(2) 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Second</td>
<td>16</td>
<td>1 5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Third</td>
<td>24</td>
<td>2 6</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fourth</td>
<td>32</td>
<td>3 7</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fifth</td>
<td>40</td>
<td>5 8</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sixth</td>
<td>48</td>
<td>7 9</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Seventh</td>
<td>56</td>
<td>9 10</td>
<td></td>
</tr>
<tr>
<td>281 to 500.</td>
<td>13</td>
<td>First</td>
<td>13</td>
<td>(2) 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Second</td>
<td>26</td>
<td>1 6</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Third</td>
<td>39</td>
<td>3 8</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fourth</td>
<td>52</td>
<td>5 10</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fifth</td>
<td>65</td>
<td>7 11</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sixth</td>
<td>78</td>
<td>10 12</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Seventh</td>
<td>91</td>
<td>13 14</td>
<td></td>
</tr>
<tr>
<td>501 to 1,200.</td>
<td>20</td>
<td>First</td>
<td>20</td>
<td>(2) 5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Second</td>
<td>40</td>
<td>3 8</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Third</td>
<td>60</td>
<td>6 10</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fourth</td>
<td>80</td>
<td>8 13</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fifth</td>
<td>100</td>
<td>11 15</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sixth</td>
<td>120</td>
<td>14 17</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Seventh</td>
<td>140</td>
<td>18 19</td>
<td></td>
</tr>
<tr>
<td>1,201 to 3,200.</td>
<td>32</td>
<td>First</td>
<td>32</td>
<td>1 7</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Second</td>
<td>64</td>
<td>4 10</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Third</td>
<td>96</td>
<td>8 13</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fourth</td>
<td>128</td>
<td>12 17</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fifth</td>
<td>160</td>
<td>17 20</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sixth</td>
<td>192</td>
<td>21 23</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Seventh</td>
<td>224</td>
<td>25 26</td>
<td></td>
</tr>
<tr>
<td>More than 3,200.</td>
<td>50</td>
<td>First</td>
<td>50</td>
<td>2 9</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Second</td>
<td>100</td>
<td>7 14</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Third</td>
<td>150</td>
<td>13 19</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fourth</td>
<td>200</td>
<td>19 25</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fifth</td>
<td>250</td>
<td>25 29</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sixth</td>
<td>300</td>
<td>31 33</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Seventh</td>
<td>350</td>
<td>37 38</td>
<td></td>
</tr>
</tbody>
</table>

1 Cumulative number of failures.
2 Lot may not be accepted. Next sample must be tested.

§ 160.066–13 Technical tests.

(a) The following conditions apply to technical tests as described in this section:

(1) A total of nine signals must be selected at random from the lot being tested;

(2) If the signals are protected by sealed packaging, then the conditioning for the technical tests must be conducted with the signal in the sealed packaging;

(3) If signals in the test sample fail to pass one of the technical tests, the entire lot is rejected;

(4) Signals from “reject lots” may be reworked by the manufacturer to correct the deficiency for which they were rejected and be resubmitted for inspection. Records shall be kept of the reasons for rejection, the reworking performed on the “reject lot”, and the result of the second test. Signals from “reject lots” may not, unless subsequently accepted, be sold or offered for sale as being in compliance with this specification.

(b) The Elevated Temperature, Humidity, and Storage Test must be conducted in the following manner:

(1) Select three signals from the nine;

(2) Place each signal in a thermostatically controlled even-temperature oven held at 55 Degrees C (131 Degrees F), and at not less than 90% relative humidity, for at least 72 hours (If for any reason it is not possible to operate the oven continuously for the 72 hour period, it may be operated at the required temperature and humidity for 8 hours of each 24 during the 72 hour conditioning period.);

(3) After removal from the oven immediately place each signal in a chamber:
§ 160.066–15 Production testing.

(a) Production tests must be performed under the procedures in Subpart 159.007 of this chapter.

(b) The operational tests in § 160.066–12 must be performed for every lot of signals produced.

(c) The technical tests in § 160.066–13 must be performed at least once every twelve months, or at least once every 10 lots, whichever occurs first.

(d) If a lot is rejected on the basis of the technical tests, then each subsequent lot produced must be tested according to the technical tests until samples from a lot pass these tests.

(e) An independent laboratory acceptable to the Commandant must perform or directly supervise:

(1) Each technical test, and

(2) All operational tests for at least four lots in a 12 month period, unless fewer than four lots are produced in a 12 month period. If less than four lots are produced in a 12 month period, each operational test must be performed or directly supervised by the independent laboratory.

(f) If a lot selected by the independent laboratory for an operational test is rejected, then the operational tests for the next lot produced, and the rejected lot, if reworked, must be performed or directly supervised by the independent laboratory. The tests required by this paragraph must not be counted for the purpose of meeting the requirements of paragraph (e).

(g) The independent laboratory selects the lots upon which technical tests are performed.

(h) If the manufacturer produces more than four lots within a 12 month period, the independent laboratory selects the lots for which it performs or directly supervises the operational tests.

(i) The operational test performed or directly supervised by the independent laboratory must occur at least once during each quarterly period, unless no lots are produced during that period.

(j) The independent laboratory, when it performs or directly supervises the technical tests required by paragraph (e) or (d) of this section, must inspect the signals selected for testing and compare them with the approved plans.