NPPTL NIOSH Respirator Certification Program
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Certification Objective: To establish the performance and quality for NIOSH certified respiratory protective equipment used in the field by validating design, materials and manufacture, and quality assurance procedures 42 CFR Part 84.1(c)

FY2010: 186 requests for new approvals, 81 granted; 282 requests for extensions, 209 granted

Initial Administrative Review
- Ensure application is complete

Initial Engineering Review
- Design, Materials, Construction
- Appropriate testing
- Pretest data

Quality Assurance Review
42 CFR Part 84 Subpart E
- Quality Program for Manufacturer of Respirators
  - MIL-STD-414, 11 June 1957
     Sampling Procedures and Tables for Percent Defective
  - MIL-STD-105D, 29 April 1963
     Sampling Procedures and Tables for Inspection by Attributes
  - Equivalent

Critical: 100% inspection
- Likely hazard to life or health
- No respiratory protection
- Undetectable degradation in protection

Major A: AQL ≤ 1.0%
- Detectable degradation in protection

Major B: AQL ≤ 2.5%
- Low impact on protection

Minor: AQL ≤ 4.0%

Laboratory Testing
- Compliance to standards
  - Air purifying 58 procedures
  - Air supplying 54 procedures
  - Air purifying CBRN conditioning 59 procedures
  - Air purifying CBRN conditioning 2 procedures

http://www.cdc.gov/niosh/npptl/stps/Respirator_Testing.htm

Concurrence
- All elements of approval application evaluation are met.

Approvals

<table>
<thead>
<tr>
<th>13F SCBA</th>
<th>14G Gas Masks</th>
<th>19C SAR</th>
<th>21C Particulate</th>
<th>23C Chemical Cartridge</th>
<th>74</th>
<th>84A Particulate Filter</th>
</tr>
</thead>
<tbody>
<tr>
<td>All (manuf.)</td>
<td>659 (30)</td>
<td>224 (15)</td>
<td>404 (38)</td>
<td>736 (41)</td>
<td>2545 (30)</td>
<td>19 (5)</td>
</tr>
<tr>
<td>FY 2010</td>
<td>11 (2)</td>
<td>3 (2)</td>
<td>2 (2)</td>
<td>7 (5)</td>
<td>28 (6)</td>
<td>Obsolete</td>
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</tbody>
</table>

Stakeholders
- Respirator Users
- Respirator Manufacturers – worldwide
- Other agencies/industrial groups

Outcome
Respirator users are enabled to choose respirator devices appropriate for their needs.

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