**OSHA Enforcement Guidance for Use of Respiratory Protection Equipment Certified Under Standards of Other Countries or Jurisdictions During the Coronavirus Disease (COVID-19) Pandemic- Appendix A-**

This appendix includes tables referenced in the memorandum, covering respirators that are similar to NIOSH-approved N95 FFRs (Table 1) and respirator-cartridge units that are similar to NIOSH-approved air-purifying elastomeric half-facepiece respirators (Table 2), which are approved under standards used in other countries or jurisdictions.

**Table 1.** Respirators Approved Under Standards Used in Other Countries or Jurisdictions that Are Similar to NIOSH-Approved N95 Filtering Facepiece Respirators

|  |  |  |  |
| --- | --- | --- | --- |
| **Country** | **Performance Standard** | **Acceptable Product Classification** | **May Be Used in Lieu of NIOSH-Certified Products** **Classified as** |
| Australia | AS/NZS 1716:2012 | P2 | N95 |
| P3 | N99 or lower |
| Brazil | ABNT/NBR 13698:2011 | PFF2 | N95 |
| PFF3 | N99 or lower |
| China (People's Republic of) | GB 2626-2006 | KN/KP95 | N95 |
| KN/KP100 | N99 or lower |
| Europe | EN 149-2001 | P2 | N95 |
| P3 | N99 or lower |
| Japan | JMHLW-2000 | DS/DL2 | N95 |
| DS/DL3 | N99 or lower |
| Korea (Republic of) | KMOEL-2017-64 | Special 1st | N95 |
| Mexico | NOM-116-2009 | N95 | N95 |
| R95 | R95 or lower |
| P95 | P95 or lower |
| N99 | N99 or lower |
| R99 | R99 or lower |
| P99 | P99 or lower |
| N100 | N100 or lower |
| R100 | R100 or lower |
| P100 | P100 or lower |

**Table 2.** Respirator-Cartridge Units Approved Under Standards Used in Other Countries or Jurisdictions that Are Similar to NIOSH-Approved Elastomeric Half-Facepiece Respirators

|  |  |  |  |
| --- | --- | --- | --- |
| **Country** | **Performance Standard** | **Acceptable Product Classification** | **May Be Used in Lieu of NIOSH-Certified Products** **Classified as** |
| Australia | AS/NZS 1716:2012 | P2 | N95 |
| P3 | N99 or lower |
| Brazil | ABNT/NBR 13694:1996;ABNT/NBR 13697:1996 | P2 | N95 |
| P3 | N99 or lower |
| China (People's Republic of) | GB 2626-2006;GB 2626-2019 | KN/KP95 | N95 |
| KN/KP100 | N99 or lower |
| Europe | EN140-1999;EN 143-2000 | P2 | N95 |
| P3 | N99 or lower |
| Japan | JMHLW-2000 | RS/RL2 | N95 |
| RS/RL3 | N99 or lower |
| Korea (Republic of) | KMOEL-2014-46 | Special 1st | N95 |
| Mexico | NOM-116-2009 | N95 | N95 |
| R95 | R95 or lower |
| P95 | P95 or lower |
| N99 | N99 or lower |
| R99 | R99 or lower |
| P99 | P99 or lower |
| N100 | N100 or lower |
| R100 | R100 or lower |
| P100 | P100 or lower |