

## § 84.60

- (10) Three minutes.
- (b) Other service times may be prescribed by the Institute.

### **Subpart G—General Construction and Performance Requirements**

#### **§ 84.60 Construction and performance requirements; general.**

(a) The Institute shall issue approvals for the types of respirators described in subparts H through KK of this part which have met the minimum requirements set forth for such respirators in this part.

(b) In addition to the types of respirators specified in subparts H through L of this part, the Institute shall issue approvals for other respiratory protective devices not specifically described in this part subject to such additional requirements as may be imposed in accordance with § 84.63(c).

[60 FR 30355, June 8, 1995, as amended at 77 FR 14192, Mar. 8, 2012]

#### **§ 84.61 General construction requirements.**

(a) Respirators will not be accepted by the Institute for examination, inspection and testing unless they are designed on sound engineering and scientific principles, constructed of suitable materials and evidence good workmanship.

(b) Respirator components which come into contact with the wearer's skin shall be made of nonirritating materials.

(c) Components replaced during or after use shall be constructed of materials which will not be damaged by normal handling.

(d) Mouthpieces, hoods, helmets, and facepieces, except those employed in single-use respirators, shall be constructed of materials which will withstand repeated disinfection as recommended by the applicant in his instructions for use of the device.

#### **§ 84.62 Component parts; minimum requirements.**

(a) The component parts of each respirator shall be:

- (1) Designed, constructed, and fitted to insure against creation of any hazard to the wearer;

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(2) Assembled to permit easy access for inspection and repair of functional parts; and

(3) Assembled to permit easy access to parts which require periodic cleaning and disinfecting.

(b) Replacement parts shall be designed and constructed to permit easy installation and to maintain the effectiveness of the respirator.

#### **§ 84.63 Test requirements; general.**

(a) Each respirator and respirator component shall when tested by the applicant and by the Institute, and meet the applicable requirements set forth in subparts H through KK of this part.

(b) Where a combination respirator is assembled from two or more types of respirators, as described in this part, each of the individual respirator types which have been combined shall, as applicable, meet the minimum requirements for such respirators set forth in subparts H through KK of this part, and such combination respirators, except as specified in § 84.70(b)(2), will be classified by the type of respirator in the combination which provides the least protection to the user.

(c) In addition to the minimum requirements set forth in subparts H through KK of this part, the Institute reserves the right to require, as a further condition of approval, any additional requirements deemed necessary to establish the quality, effectiveness, and safety of any respirator used as protection against hazardous atmospheres.

(d) Where it is determined after receipt of an application that additional requirements will be required for approval, the Institute will notify the applicant in writing of these additional requirements, and necessary examinations, inspections, or tests, stating generally the reasons for such requirements, examinations, inspections, or tests.

[60 FR 30355, June 8, 1995, as amended at 77 FR 14192, Mar. 8, 2012]

#### **§ 84.64 Pretesting by applicant; approval of test methods.**

(a) Prior to making or filing any application for approval or modification