

## 42 C.F.R. § 84.176

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### Fit test—PAPR classes HE and PAPR100.

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NIOSH will assess powered air-purifying respirator fit using either isoamyl acetate or generated aerosol.

(a) *Isoamyl acetate (IAA) fit test.* The applicant must provide a charcoal-filled canister or cartridge of a size and resistance similar to the filter unit with connectors which can be attached to the facepiece in the same manner as the filter unit.

(1) The canister or cartridge will be used in place of the filter unit, and persons will each wear a modified half-mask facepiece for 8 minutes in a test chamber containing 100 parts (by volume) of isoamyl acetate vapor per million parts of air.

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