

**INTERPRETATION IC 52.2-1999-2 OF
ANSI/ASHRAE STANDARD 52.2-1999**
*Method of Testing General Ventilation Air-Cleaning Devices
for Removal Efficiency by Particle Size*

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Request from: Mr. Jim Ward (E-mail: bosurf@cox.net), Arizona State University, 4433 W. Van Buren #6, Phoenix, AZ 85043

Reference: This request for interpretation refers to the requirements presented in ANSI/ASHRAE Standard 52.2-1999, Informative Appendix E – Cross-Reference and Application Guidelines, Table E-1.

Background: Table E-1, Application Guidelines, is confusing to users of the standard. Manufacturers have test reports that show cross-references between ASHRAE Standards 52.1-1992 and 52.2-1999 that are different than those shown in Table E-1. Although Appendix E is included for information only it is interpreted as a direct cross-reference to ASHRAE Standard 52.1-1992.

Interpretation: The cross-references in Table E-1 do not hold true for all conditions and for every product. For example, a filter with a Standard 52.2-1999 result of MERV 6 could result in a ASHRAE Standard 52.1-1992 Dust Spot Efficiency of 25-30% rather than the <20% shown in Table E-1.

Question: Is this interpretation correct?

Answer: Yes.

Comments: The ASHRAE SSPC 52.2 committee agrees to the interpretation that a filter tested per ASHRAE standard 52.2-1999 with a MERV 6 @2000cfm result could possibly show a variety of results if tested per ASHRAE Standard 52.1-1992. Table E-1 referenced in the request is an APPROXIMATE comparison of results from the two methods of test and not intended as an exact cross-reference.