

Residential Indoor Air Quality Measure

Utility-Sponsored Stakeholder Meeting Materials

Last Updated: March 15, 2017

1. REFERENCES FOR THE UTILITY-SPONSORED STAKEHOLDER MEETING ON RESIDENTIAL IAQ

NOTE: The hyperlinks in the electronic (PDF) file are active.

1. [AHRI Standard 680-2015. Performance Rating of Residential Air Filter Equipment.](#)
2. ASHRAE Standard 62.2-2016. Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings. Available from [Techstreet.com](#).
3. ASHRAE Standard 52.2-2017. Method of Testing General Air-Cleaning Devices for Removal Efficiency by Particle Size. Available from [Techstreet.com](#).
4. [California Air Resources Board. Indoor Air Quality & Personal Exposure Assessment Program.](#)
5. [Chan, R. et al. 2016. Healthy Efficient New Gas Homes \(HENGH\) Pilot Test Results. LBNL-1005818.](#)
6. [CMHC. 2005. Assessment of Suite Compartmentalization and Depressurization in New High-Rise Residential Buildings. Research Highlights Technical Series 05-112.](#)
7. [Delp, W., B. Singer. 2012. Performance Assessment of U.S. Residential Cooking Exhaust Hoods. LBNL-5545E.](#)
8. [E4 The Future. 2016. White Paper: Occupant Health Benefits of Residential Energy Efficiency.](#)
9. [Eklund, K., R. Kunle, A. Banks, D. Hales. 2014. Pacific Northwest Residential Ventilation Effectiveness Study. NEEA Report #E15-015.](#)
10. [Fortman, R., P. Kariher, R. Clayton. Indoor Air Quality: Residential Cooking Exposures. Final Report under ARB Contract Number 97-330.](#)
11. [Holladay, M. 2013. Ventilation Rates and Human Health. Green Building Advisor.](#)
12. [HVI. 2009. HVI Product Performance Certification Procedure. HVI Publication 920.](#)
13. Jenkins, P. et al. 2015. Chemical Concentrations in New California Homes and Garages. 2015.
14. [Lstiburek, J. 2016. BSI-012: Balancing Act - Exhaust-Only Ventilation Does Not Work. Building Science Corporation.](#)

15. [Logue, J.M., M.H. Sherman, I.S. Walker, B.C. Singer. 2013. Energy Impacts of Tightening and Mechanical Ventilation for the U.S. Residential Sector. LBNL 6053-E.](#)
16. [Louge, J.M., T.E. McKone, M.H. Sherman, B.C. Singer. 2010 Hazard Assessment of Chemical Air Contaminants Measured in Residences. LBNL-3650-E](#)
17. [Logue, J.M. P.N. Price, M.H. Sherman, B.C. Singer. 2011. A Method to Estimate the Chronic Health Impact of Air Pollutants in U.S. Residences. LBNL-5267E](#)
18. [Lstiburek, J. 2015. Measure Guideline: Ventilation Guidance for Residential High Performance New Construction – Multifamily. Building America Report 1507.](#)
19. [Markley, J., C. Harrington, G. Torvestad. 2014. Modeling Ventilation in Multifamily Buildings. 2014 ACEEE Summer Study on Energy Efficiency in Buildings.](#)
20. [Maxwell, S. D. Berger, M. Zuluaga. 2016. Evaluation of Passive Vents in New Multifamily Construction. Consortium for Advanced Residential Buildings. NREL.](#)
21. [Maxwell, S., D. Berger, M. Zuluaga. 2014. Evaluation of Strategies in New Construction Multifamily Buildings. Consortium for Advanced Residential Buildings. NREL.](#)
22. [Offerman, F.J. 2009. Ventilation and Indoor Air Quality in New Homes. PIER Collaborative Report. CEC-500-2009-085.](#)
23. [Pigg, S. et al. 2014. Weatherization and Indoor Air Quality: Measured Impacts in Single-Family Homes under the Weatherization and Assistance Program. ORNL/TM-2014/170.](#)
24. [Singer, B.C. 2014. Ventilation and Source Control to Reduce Formaldehyde in New Homes. CIAQ presentation, Feb. 5, 2014.](#)
25. [Sherman, M. B. Singer, S. Walker, C. Wray. 2013. Residential Energy Savings from Air Tightness and Ventilation Excellence. CEC-500-2014-014.](#)
26. [Sherman, M.H., I.S. Walker, W.J. Turner. 2011. Infiltration as Ventilation – Weather-Induced Dilution. LBNL.](#)
27. [Sherman, M. 2013. Moving Toward a Health-Based Ventilation Standard: A Conversation with Max Sherman. LBNL News.](#)
28. [Singer, G.C., W. Delp et al. Pollutant Concentrations and Emission Rates from Scripted Natural Gas Cooking Burner Use in Nine Northern California Homes. LBNL-1006385](#)
29. [Sonne, J. C. Withers, R. Vieira. 2015. Investigation of the Effectiveness and Failure Rates of Whole-House Mechanical Ventilation Systems in Florida. FSEC-CR-2002-15.](#)
30. [Stratton, J.C., B. Singer. 2014. Addressing Kitchen Contaminants for Healthy, Low-Energy Homes. LBNL-6547E.](#)
31. [Walker, I., D. Dickerhoff, D. Faulkner, W. Turner. 2012. Energy Implications of In-Line Filtration in California. LBNL-6143E](#)
32. [WCEC. 2016. Aerosol Duct Sealing in Central Exhaust Systems. PIER Buildings Program Case Study. Western Cooling Efficiency Center, UC Davis.](#)