

| INSTALLER and INSPECTOR QUICK-REFERENCE: 2022 NRCA-MCH-20c-H Multifamily Dwelling Unit IAQ Ventilation Acceptance Test | |
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| Purpose and Scope of the Test | |
| <p>This test verifies that the continuous ventilation airflow (balanced, supply only, or exhaust only) and the kitchen exhaust fan conforms to the requirements of the Energy Code and ANSI/ASHRAE Standards 62.2-2016. Submit one Certificate of Acceptance for each dwelling unit to the HERS Rater.</p> <p>NOTE: HERS Verification required. NRCA-MCH-20a-H must be completed prior to beginning NRCA-MCH-20c-H. If using supply-only or exhaust-only ventilation, the Certificate of Acceptance NRCA-MCH-21-A must be completed prior to beginning NRCA-MCH-20a-H.</p> | |
| Test trigger | |
| <p>All newly constructed multifamily dwelling units with continuous ventilation must be tested.</p> <p>Exceptions: Central Fan Integration (CFI) or other intermittent ventilation systems are not subject to this test. Healthcare facilities are not subject to this test.</p> | |
| Relevant Energy Code References and Required Compliance Documents | |
| <p>Title 24, Part 6 of the California Building Code, Building Energy Efficiency Standards (Energy Code) sections 160.2(b)2; NA7.18.1.1, NA2.2; NRCC-MCH-E Table J or LMCA-MCH-E; and ANSI/ASHRAE Standards 62.2-2016.</p> | |
| Who Can Perform the Test | |
| <p>There are no restrictions on who can perform the test; however the test must be verified by a HERS rater. An acceptance test technician may perform the test without HERS verification.</p> | |
| Required Tools | |
| <p>Ventilation system airflow rate measurement apparatus that complies with all of the following:</p> <ul style="list-style-type: none"> • listed on the Energy Commission website: https://ww2.energy.ca.gov/title24/equipment_cert/ama_vs/index.html • Calibrated according to the manufacturer procedures | |
| Estimated Time to Complete Test | |
| <p>Construction Inspection: 0.5 hours Functional Test: 0.5 to 1.5 hours</p> | |
| Potential Issues and Cautions | |
| <p>If multiple fans are specified to operate simultaneously to provide the total required ventilation airflow, the measurements within this functional test must be made with all applicable fans operating simultaneously.</p> | |

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Inspection Enforcement

Optional Equipment Check:

Have the technician demonstrate the use of the ventilation system airflow rate measurement apparatus.

Acceptance Criteria

- Supply and Exhaust airflow rates must be within 20 percent of the same amount.
- The measured ventilation rate is greater than or equal to the design amount.

Follow the **Construction Inspection** and **Functional Testing** instruction on either NRCA-MCH-20c-H.