

CP-25-00116 Questions and Answers

1. As of late 2025, which edition of the Michigan Residential Code (MRC) is being enforced statewide?
 - a) 2012 MRC
 - b) 2015 MRC**
 - c) 2018 MRC
 - d) 2021 MRC
2. MRC 2021 3. **True** / False At rough-in inspection, inspectors must verify that Manual J/S/D documentation and the Heat Plan are available on site.
Section M1401.3
3. **True** or false The 2021 Michigan Residential Code and Energy Code are not yet enforced due to a court-ordered stay that paused their implementation.
4. **True** or False The 2021 Michigan Residential Code (MRC) requires a Manual J load calculation and Manual D duct design for all new HVAC system installations.
5. Ventilation requirements are determined by:
 - a) Ceiling height
 - b) Square footage and number of bedrooms**
 - c) Climate zone only
 - d) Occupant preference**per Table M1505.4.3(1) (MRC 2015/2021).**
6. **True/False Q:** At rough-in inspection, inspectors are not required to see documentation of ventilation and load calcs; these are only verified at final inspection.
documentation (Manual J/S/D, Heat Plan, ventilation calcs) must be available at both rough-in and final for enforcement.
7. Which of the following best describes the purpose of Manual S?
 - a) To size ductwork
 - b) To determine required insulation R-values
 - c) To select HVAC equipment based on Manual J results**
 - d) To test duct leakage
8. What is the maximum duct leakage to outside permitted for new residential duct systems tested at rough-in (2015 IECC Michigan)?
A: 4 CFM per 100 sq. ft. of conditioned floor area (if tested at rough-in with air handler installed).
9. According to Table M1505.4.3(1), what is the required whole-house ventilation rate for a 3-bedroom, 2,000 sq. ft. dwelling?
A: 70 CFM continuous
10. According to Table M1505.4.3(1), what is the required intermittent whole-house ventilation rate for a 3-bedroom, 2,000 sq. ft. dwelling?
A: 105 CFM intermittent – the table applies a multiplier (typically 1.5×) to convert continuous rates to intermittent operation. (but must run ≥ 1 hour in every 4-hour period)