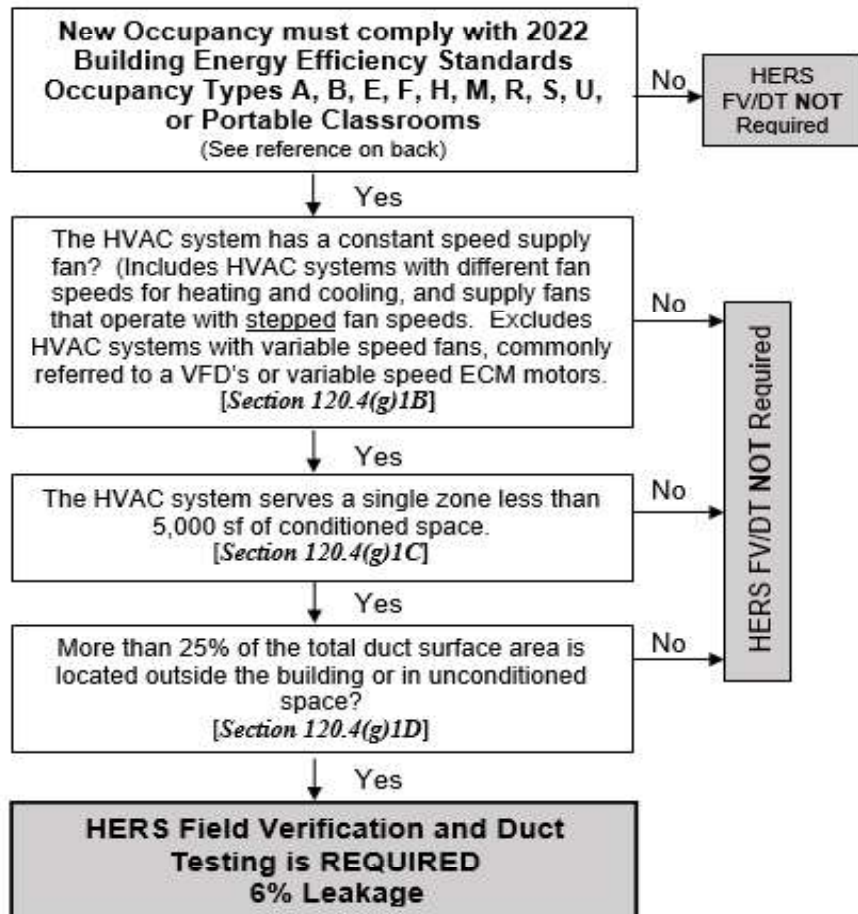


# Reference 1

## New Construction Duct Testing Flow Chart

### Non-Residential HERS Duct Testing Flowchart Prescriptive Compliance Approach

#### New Construction Only



#### Required Forms

##### Prescriptive Compliance

- NRCC-MCH-01-E
- NRCC-MCH-02-E
- NRCC-MCH-04-E
- NRCI-MCH-01-E
- NRCA-MCH-04-H

##### Performance Compliance

- NRCC-PRF-01-E

#### Exceptions:

1. The enforcing agency has determined that duct sealing and leakage testing will damage the historical fabric of a "Qualified Historic Building".
2. The enforcing agency has determined the work is temporary and will be removed by a specific date listed on the permit.

## Nonresidential Prescriptive Compliance Approach

### New Construction Only

#### Occupancy Types Covered by 2022 Building Energy Efficiency Standards

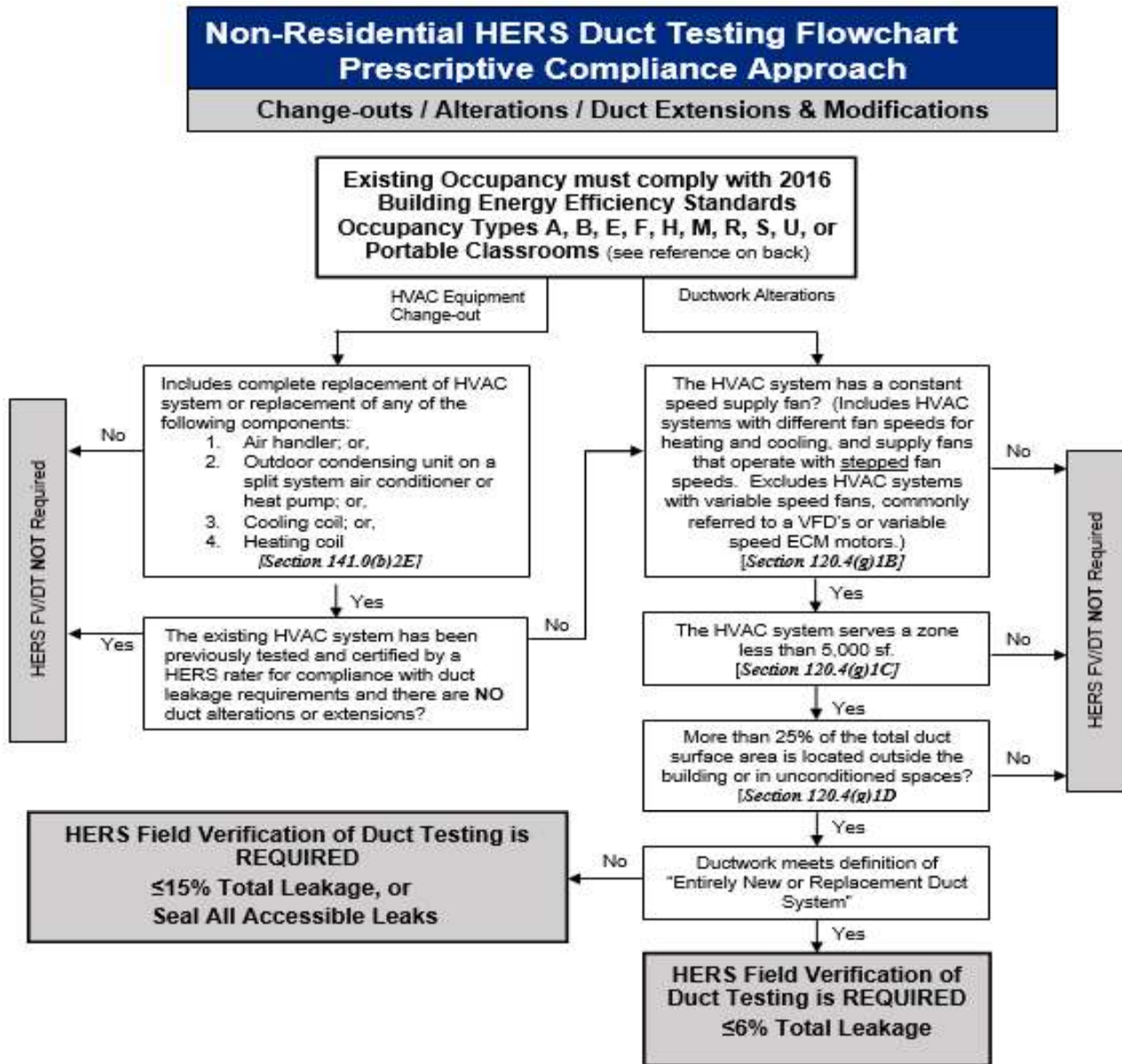
- "A" - Assembly, Theaters, Auditoriums
- "B" - Offices, Banks, Beauty Salons, Retail (excluding Department Stores & Shopping Centers)
- "E" - Educational Buildings (K-12)
- "F" - Factories
- "H" - Hazardous Uses
- "M" - Department Stores & Shopping Centers
- "R" - Hotels, Motels, High-rise Residential, Long-term Care (Excludes private residences and apartments/condominiums in buildings less than 4 stories.
- "S" - Storage
- "U" - Garage, Carports, Sheds
  - Portable Classrooms

#### Excludes the following:

1. "I" - Institutional, Hospitals, Prisons, etc.
2. Historic buildings where the Building Department Official or the California State Historic Building and Safety Board determine compliance would adversely impact the historic fabric of the facility, but does not include non-historic additions to historic buildings. *Exception 1 to Standards § 100.0 (a).*
3. Enforcement agencies, at their discretion, may exempt temporary buildings or structures erected in response to a natural disaster. Temporary buildings or structures shall be completely removed upon the expiration of the time limit stated in the permit. *Exception 2 to Standards § 100.0 (a).*
4. Mobile homes and modular building licensed and permitted by the State of California.

# Reference 2

## Additions/Alterations/Change-outs Flow Chart



### Required Forms

**Prescriptive Compliance**  
 NRCC-MCH-01-E  
 NRCC-MCH-02-E  
 NRCC-MCH-04-E  
 NRCC-MCH-01-E  
 NRCA-MCH-04-H

**Performance Compliance**  
 NRCC-PRF-01-E  
 (All forms listed above)

### Exceptions:

1. When existing ductwork is constructed, insulated or sealed with asbestos. [Section 141.0(b)2D or Section 141.0(b)2E exception 3]
2. The building is altered such that the ductwork no longer meets the requirements of Section 120.4(g) B, C, or D.
3. When the existing system has been documented to previously comply with duct leakage verification and no outwork is being altered. [Section 140.4(b)2E]
4. When the enforcing agency has determined that duct sealing and leakage testing will damage the historical fabric of a "Qualified Historic Building". [Exception 1 to Section 100.0 (a)]
5. The enforcing agency has determined the work is temporary and will be removed by a specific date listed on the permit. [Exception 2 to Section 100.0 (a)]

## Non-Residential Prescriptive Compliance Approach

### Change-outs / Alterations / Duct Extensions & Modifications

#### Occupancy Types Covered by 2022 Building Energy Efficiency Standards

- "A" - Assembly, Theaters, Auditoriums
- "B" - Offices, Banks, Beauty Salons, Retail (excluding Department Stores & Shopping Centers)
- "E" - Educational Buildings (K-12)
- "F" - Factories
- "H" - Hazardous Uses
- "M" - Department Stores & Shopping Centers
- "R" - Hotels, Motels, High-rise Residential, Long-term Care (Excludes private residences and apartments/condominiums in buildings less than 4 stories.
- "S" - Storage
- "U" - Garage, Carports, Sheds
  - Portable Classrooms

#### Excludes the following:

1. "I" - Institutional, Hospitals, Prisons, etc.
2. Historic buildings where the Building Department Official or the California State Historic Building and Safety Board determine compliance would adversely impact the historic fabric of the facility, but does not include non-historic additions to historic buildings. *Exception 1 to Standards § 100.0 (a).*
3. Enforcement agencies, at their discretion, may exempt temporary buildings or structures erected in response to a natural disaster. Temporary buildings or structures shall be completely removed upon the expiration of the time limit stated in the permit. *Exception 2 to Standards § 100.0 (a).*
4. Mobile homes and modular building licensed and permitted by the State of California.