



**City of Milpitas
Building and Safety Department**

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**HVAC Smoke Detectors
performance test**

Policy:	BDP-ME01
Effective Date:	02/02/2001
Proposed by:	
Last Reviewed/ Revised:	6/14/17
Revised by:	BK

Approved By: Gary King
Acting Chief Building Official

HVAC Smoke Detector Performance Test

HVAC Smoke Detectors must be installed per the manufacturer's installation instructions and the referenced standards (NFPA).

If the smoke detector cannot be installed per all of the above requirements, a performance test must be performed to verify functionality.

- 1) Test must be conducted in the presence of the building inspector.
- 2) Smoke* must be taken in the air stream (return air) and activate the detector.
- 3) Activation of the smoke detector must shut down HVAC equipment.

*Smoke candles, smoke tablets, and theatrical smoke have been used for this purpose. Other artificial smoke may be used.

Please Note: It is suggested that this test be conducted as early as possible and before equipment, furnishings, and occupants are in the test area.

If you should have questions regarding the above, please contact your Project Inspector or Senior Building Inspector.