

Bulletin #20: Household Fire Alarm System

Date: June 1, 2017

Effective Date: March 15, 2012

Amended: July 26th, 2023

To: All Staff

From: Fred Clum

Chief Building Official

Subject: Household Fire Alarm System Requirements/Procedure

Household fire alarm systems installed in single family detached and two family attached dwellings no longer permitted thru the Fire Code Office, shall require a permit with the Collier County Building Review and Permitting Department, Growth Management Division.

All household fire alarm systems installed **in lieu of** the required 120-volt interconnected w/battery backup smoke alarms shall be installed in accordance with the provisions of the current Florida Building Code (FBC) and NFPA 72, National Fire Alarm and Signaling Code.

Where a household fire warning system is installed using a combination of smoke detector and audible notification device(s), it shall become a permanent fixture of the occupancy and owned by the homeowner.

Submittal Guidelines:

- **Manufacturer's specification sheets** for all devices and appliances shall be provided.
- Provide **Smoke Detection Design Documentation** which states the required performance objective of the system.
- Provide **"point to point"** wiring on the floor plan delineating the wiring of all connections to devices, appliances, components, etc.
- Conductor types and sizes shall be indicated on the drawings.
- Provide detailed **battery calculations** for each "Battery Set". The manufacturer's format supplied in each control panel manual is the preferred format.
- Indicate on plans that **"primary power"** connections comply with NFPA 72.
- Show location of all **required surge protectors** per NFPA 70 and National Electrical Code (NEC) NFPA 72.



FINAL INSPECTION AND ACCEPTANCE:

- Final inspection shall be coordinated and performed in conjunction with the system certification testing by contractor.

Required Documents at time of Final:

- Owner Acknowledgement Affidavit.

History: Replaces Building Block issued but never numbered. Updated to delete monitoring requirements no longer a requirement in code.