

Fire Alarm Sequence of Events Generic Checklist

If a manual pull station is activated or if there is water flow (sprinkler head or flow test):

- a. General alarm sounds on all floors
- b. Smoke doors shut on all floors
- c. All mechanical air handling units shut down
- d. All smoke dampers shut
- e. The central control panel is notified
- f. All locked exit doors unlatch
- g. Elevators will recall
- h. Stair pressurization fans operate

If an area smoke detector is activated: (some of these functions may require the activation of two smoke detectors, in residential occupancies one detector would not sound general alarm):

- a. General alarm sounds on all floors
- b. Smoke doors shut on all floors
- c. All mechanical air handling units shut down
- d. All smoke dampers shut
- e. The central control panel is notified
- f. All locked exit doors unlatch
- g. Elevators will recall
- h. Stair pressurization fans operate

If two smoke detectors are activated in the atrium area:

- a. General alarm sounds on all floors
- b. Smoke doors shut on all floors
- c. All mechanical air handling units shut down, including fresh air units
- d. All smoke dampers shut
- e. The central control panel is notified
- f. All locked exit doors unlatch
- g. Elevators will recall
- h. Stair pressurization fans operate

If two duct detectors are activated:

- a. General alarm sounds on all floors
- b. Smoke doors shut on all floors
- c. All mechanical air handling units shut down
- d. All smoke dampers shut
- e. The central control panel is notified
- f. All locked exit doors unlatch
- g. Elevators will recall
- h. Stair pressurization fans operate

If one duct detector is activated:

- a. The central control panel is notified

If a tamper control is activated:

- a. A signal is sent to a supervised control station

If a smoke detector is activated in the elevator lobby:

- a. General alarm sounds on all floors
- b. Smoke doors shut on all floors
- c. All mechanical air handling units shut down
- d. All smoke dampers shut
- e. The central control panel is notified
- f. All locked exit doors unlatch
- g. Elevator is recalled to either 1st or 2nd floors (doors open)
- h. Stair pressurization fans operate

This list of requirements is an example and may need to be modified to suit the project.