



MINOOKA FIRE PROTECTION DISTRICT

Fire Prevention Bureau Fire Inspector Rodney Bradberry Fire Alarm Acceptance Check List

1. The installation company must be with you for this testing. They will assist you and answer any questions you may have.
2. Obtain a copy of the plans, check on locations of detectors, strobes, pull stations, etc.
3. Alarm panel: Keep one of our personnel at the panel to verify correct readout on panel regarding the activated device and location.
4. Detectors:
 - a. All detectors shall be individually tested and reset. For numerous detectors, test randomly. Heat detectors will require the alarm technician to pull it and short out the wires to get activation. Smoke's can be tested with the Smoke detector test spray cans, or have the technician provide the equipment for the testing.
 - b. 3' from air supply diffusers
 - c. Ceiling mounts - >4" from walls
 - d. Wall mounts-4"-12" from ceilings &4" from adjacent walls
 - e. Properly secured
 - f. No paint
 - g. No damage
5. Pull stations:
 - a. Check all stations by physically activating
 - b. Max. Height 48"
 - c. Make sure additional keys are available for resetting the pull stations. They should be available at the main fire alarm panel and the Knox box, if applicable.
6. Audible devices :> 75 decibels@ 10' from device &< 120 decibels (15 over normal sound when business is open).
7. Visual Devices:
 - a. All working
 - b. Synchronized
 - c. Visible at all locations
8. If new Knox box has been installed, send information Address & location to *DIC*.

Sprinkler Systems:

1. Check FDC;
 - a. Visible and Accessible
 - b. Couplings Rotate
 - c. Caps in Place
 - d. Gaskets in Place (Push on Clapper and Check Gaskets)
 - e. Sign in Place
 - f. Check Valve Not Leaking
 - g. Automatic Drain Valve Operating
2. Check Sprinkler Heads;
 - a. No paint allowed on any part of the heads (needs replacement)
 - b. Escutcheon must be in place (Part of the Heat Sink)
 - c. Sprinkler head ratings:

Max. Ceiling Temp:	Temp. Rating:	Temp. Class:	Color Code:
100	135-170	Ordinary	Uncolored
150	175-225	Intermediate	White
225	250-300	High	Blue

etc...
 - d. Spray pattern unobstructed
 - e. No physical damage
 - f. Check for Spare Sprinkler Heads; Sufficient Quantity & Type
 - i. Kept in a cabinet
 - ii. 6 sprinklers for systems w/<300
 - iii. 12 " " " <1000
 - iv. 24 " " " >1000
 - v. 2 sprinklers of each type used
 - g. Sprinkler Head Wrench
3. Alarms required for over 20 sprinkler heads
4. Inspectors test valve;
 - a. One inch diameter in size & flow equivalent to smallest orifice size.
 - b. Wet system-located anywhere.
 - c. Dry system-most distant location
 - d. Must be accessible and have a sign