

ACCEPTANCE TEST CHECKLIST

CHECK AT EVERY ACCEPTANCE TEST:

- Alarm service has been notified
- The room is in its normal operating condition and ready for testing
- Replacement agent is on hand and has been weighed on site
- Installation has been checked against accepted drawings
 - Room size
 - Detector location and type
 - Wire type and specifications
 - Pipe sizes and lengths
 - Nozzle location and size
- Location of equipment: cylinders; manual releases; control panel and alarm horns
- The installation workmanship is acceptable
- All piping has been blown clear and checked for mechanical tightness and proper support
- Room has been inspected for obvious leakage
 - Door and window leaks minimal
 - Ducts properly dampered
 - Pipe chases and wiring chases sealed
- Doors, windows and dampers interlocked to close automatically
- Ceiling tiles near nozzles have been properly secured to prevent movement during discharge
- There are no obstructions to nozzle discharge
- Underfloor has been vacuumed to prevent debris from entering vital equipment
- The test agent cannot migrate to adjacent areas and discharge other systems
- System time delay exceeds any ventilation system fan coastdown time
- Detectors, alarms, actuators, dampers and closures have been tested for proper operation
- Ventilation fans will not restart when alarms are silenced
- Manual releases and aborts have been labeled for easy identification
- Electrical supervision has been tested by opening circuit at most remote unit on each loop
- Pneumatic supervision has been tested by disconnecting tubing or piping at end of system
- Manual releases have been tested
- Operation of manual release prepares room for discharge
- Back-up power has been tested
- Operation of the abort switch has been tested
- All actuation devices and selector valves have been tested
- Manual release overrides simultaneously abort switch operation
- The sequence of events is posted
- Battery standby has been tested for a 24-hour period

- The duration of all time delays has been measured
- A contract has been purchased for service and periodic tests
- Facility's personnel have been given adequate training
- All equipment restored to service including alarm service

CHECK IF PERFORMING A DISCHARGE TEST:

- All loose materials have been cleared from the room
- Three-point recorder has been field calibrated
- Sample probe locations have been properly selected
- Continuous power to the concentration recorder has been verified
- Properly sized recorder sample tubing has been provided
- Recorder is in proper mode for the agent to be tested
- Breathing apparatus is available, if necessary
- Containers have been properly labeled
- Test agent weight has been adjusted, if necessary
- Containers have been weighed before and after discharge
- Post test ventilation arrangements have been made
- All equipment restored to service including alarm service