SAFETY AUDIT CHECKLIST

Fire Detection Systems

Location:

Audited by:

Date:

Check the box under Y for "yes" or N for "no" to determine if each item is within compliance.

<u>Y</u> <u>N</u>

- I. Does the employer assure that all devices and equipment constructed and installed to comply with this standard are approved for the purpose for which they are intended? 1910.164(b)(1)
- □ □ 2. Does the employer restore all fire detection systems and components to normal operating condition as promptly as possible after each test or alarm? 1910.164(b)(1)
- □ □ 3. Do spare detection devices and components which are normally destroyed in the process of detecting fires available on the premises or from a local supplier in sufficient quantities and locations for prompt restoration of the system? 1910.164(b)(2)
- □ □ 4. Does the employer maintain all systems in an operable condition except during repairs or maintenance? 1910.164(c)(1)
- □ □ 5. Does the employer assure that fire detectors and fire detection systems are tested and adjusted as often as needed to maintain proper reliability and operating condition except that factory calibrated detectors need not be adjusted after installation? 1910.164(c)(2)
- □ □ 6. Does the employer assure that pneumatic and hydraulic operated detection systems installed after January 1, 1981, are equipped with supervised systems? 1910.164(c)(3)
- 7. Does the employer assure that the servicing, maintenance and testing of fire detection systems, including cleaning and necessary sensitivity adjustments are performed by a trained person knowledgeable in the operations and functions of the system? 1910.164(c)(4)
- 8. Does the employer assure that fire detectors that need to be cleaned of dirt, dust, or other particulates in order to be fully operational are cleaned at regular periodic intervals? 1910.164(c)(5)
- □ □ 9. Does the employer assure that fire detection equipment installed outdoors or in the presence of corrosive atmospheres be protected from corrosion? 1910.164(d)(1)

Notes:

<u>Y</u> <u>N</u>

- 10. Does the employer provide a canopy, hood, or other suitable protection for detection equipment requiring protection from the weather? 1910.164(d)(1)
 11. Does the employer locate or otherwise protect detection equipment so that it is protected from mechanical or physical impact which might render it inoperable? 1910.164(d)(2)
 12. Does the employer assure that detectors are supported independently of their attachment to wires or tubing?
- 13. Does the employer assure that fire detection systems installed for the purpose of actuating fire extinguishment or suppression systems are designed to operate in time to control or extinguish a fire?
 1910.164(e)(1)

1910.164(d)(3)

- □ □ 14. Does the employer assure that fire detection systems installed for the purpose of employee alarm and evacuation are designed and installed to provide a warning for emergency action and safe escape of employees? 1910.164(e)(2)
- 15. Does the employer not delay alarms or devices initiated by fire detector actuation for more than 30 seconds unless such delay is necessary for the immediate safety of employees? 1910.164(e)(3)
- If addressed in an emergency action plan meeting the requirements of 1910.38? 1910.164(e)(3)
- 17. Does the employer assure that the number, spacing and location of fire detectors is based upon design data obtained from field experience, or tests, engineering surveys, the manufacturer's recommendations, or a recognized testing laboratory listing? 1910.164(f)

Item # Repair Date