



# TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER EL PASO

## Operating Policy and Procedure

**HSCEP OP:** 75.04, **Codes and Standards - Compliance with National Fire Protection Association (NFPA) and other State-adopted Requirements**

**PURPOSE:** The purpose of this Texas Tech University Health Sciences Center El Paso (TTUHSC El Paso) Operating Policy and Procedure (HSCEP OP) is to establish requirements for construction and maintenance work to include the minimum standard of testing and maintaining fire detection (e.g. fire alarm) and fire protection systems (e.g. suppression) on all TTUHSC El Paso facilities.

**REVIEW:** This HSCEP OP will be reviewed on January 1 of each odd-numbered year (ONY) by the Senior Director of Safety Services- Physical Plant, Managing Director of Physical Plant and Support Services, and with recommendations for revisions submitted to the Chief Operating Officer by February 1.

### **POLICY/PROCEDURE:**

1. In addition to NFPA requirements, the *Regents' Rules*, Section 08.06, Construction Code Requirements, states that all construction/renovation projects must conform to the most current edition of the following codes and standards:
  - a. International Building Code (IBC)
  - b. International Energy Conservation Code (IECC)
  - c. International Fire Code (IFC)
  - d. International Plumbing Code (IPC)
  - e. International Electrical Code Administration Provisions (IE-CAP)
  - f. NFPA 101, Life Safety Code (including references to the National Electrical Code)
  - g. National Fire Protection Association Codes and Standards
  - h. ANSI/ASME A17.1 Safety Code for Elevators and Escalators
  - i. ANSI Z136.1 Standards for Safe Use of Lasers
  - j. State Insurance Board requirements governing fire sprinkler systems
  - k. U. S. Environmental Protection Agency regulations
  - l. State Energy Conservation Office requirements, such as ASHRAE/IESNA Standard 90.1-2010 (or latest edition) and 62.1, Energy Standard for Buildings (New Bldg. Design)
  - m. U.S. Department of Health, Public Health Service regulations and guidelines
  - n. State statutes regulating, but not limited to, the following:
    - (1) Asbestos Containing Materials (ACM)

- (2) Boilers
  - (3) Control of Radiation
  - (4) Energy Consumption
  - (5) Fire Escapes
  - (6) Fire Alarms
  - (7) Plumbing Fixtures
  - o. Texas Accessibility Standards (TAS) of the Architectural Barriers Act, Article 9102, Texas Civil Statutes
  - p. Americans with Disabilities Act (ADA) - Accessibility Guidelines for Buildings and Facilities
  - q. U. S. Department of Labor Occupational Safety and Health Administration (OSHA) regulations
  - r. Texas Commission on Environmental Quality (TCEQ) regulations
  - s. Any other applicable codes, standards, guidelines or best practices deemed necessary for the project or work.
2. In those cases where more than one agency or code has set forth regulations and those regulations are in conflict, the more stringent or more detailed code or regulation shall apply.
3. National Fire Protection Association Codes and Standards require that all facilities which are equipped with fire detection (alarm) or fire protection (suppression) systems shall be maintained and tested. TTUHSC El Paso facilities equipped with the fire systems are subject to the following NFPA Standards:
- a. **Fire Alarm Systems (Detection).** NFPA Standard 72, "National Fire Alarm Code."
  - b. **Fire Sprinkler Systems (Protection).**
    - (1) NFPA Standard 13, "Installation of Sprinkler Systems"
    - (2) NFPA Standard 25, "Inspection, Testing, and Maintenance of Water-based Fire Protection Systems"
    - (3) Any current insurance requirements
  - c. **Clean Agent Systems (Protection).**
    - (1) NFPA Standard 2001 "Clean Agent Fire Extinguishing Systems"
    - (2) NFPA Standard 12A "Halon 1301 Fire Extinguishing Systems"

Required maintenance and inspection records shall be kept at the facilities for review by the TTUHSC El Paso Fire Marshal.