



The University of Texas at San Antonio™

Job Description

Job Title:	Fire & Safety Systems Technician III	Job Family:	Facilities/Construction
Type:	Classified – Non-Exempt	Job Code:	15309
Department:	Facilities-Utilities Operations	Salary Grade:	62
Reports to:	Facility Control Tech Leader	Created/Revised:	12/16/2022
Work Modality:	On Campus		

Job Summary

Provide advanced level technical skills dealing with the construction, installation, operation and maintenance of fire and life safety systems and their components.

Core Responsibilities

1. Responsible for installation, maintenance, modification and repair of fire alarm, fire sprinkler, fire suppression and other life safety systems.
2. Works independently and provides direction for Fire and Life Safety Systems Technicians I and II in performing preventive and routine maintenance on campus fire detection/alarms, battery operated emergency lighting systems, and fire suppression systems to include dry pipe, wet pipe, pre-actions, deluge, FM200, kitchen fire suppression, smoke evacuation, and other life safety systems.
3. Monitors and maintains the operation and integrity of fire and life safety systems.
4. Responsible for troubleshooting and correcting complex problems with all life safety systems to include fire detection/alarm, fire suppression systems, fire pumps, fire systems troubles and fire alarms response. Also, conducts follow up investigations to determine the cause of fire systems alarms and to ensure/verify the proper operation of fire and life safety systems.
5. Installs fire detection and suppression system devices.
6. Performs code required maintenance, testing and inspections of campus fire and life safety systems, also assists and directs contractors with required fire and Life Safety inspections and with correction all resulting deficiencies.
7. Completes departmental reports and documentation to include gathering data through field measurements and observations, analysis, and various research methods.
8. Assists in the writing of standard operating procedures, process improvements, and training manuals regarding fire and life safety systems.
9. Assists with developing short- and long-term departmental goals.
10. Reads and interprets blue prints, schematics, and specifications to maintain functionality of campus systems, ensure compliance, provide plan reviews and input for campus projects.
11. Conducts quality control inspection for work completed by junior technicians and contractors.
12. Prepares material request and order parts and supplies.
13. Trains employees on fire and life safety systems.
14. Conducts self-study and attend training to maintain and improve technical proficiency in fire and life safety systems to include all applicable codes.
15. Cross trains to support and assist the Utilities Station Operators and Facilities Controls Technicians.

16. Participates in the commissioning of new and retrofitted building controls and fire systems to ensure compliance and systems integrity are maintained.
 17. Performs some work in Bio-Sciences Level 3 labs.
 18. Provides direct supervision of Fire and Life Safety Systems Technicians I and IIs in the absence of the Facilities Controls Technicians Leader.
 19. Promote a culture of safety and environmental protection by working in a safe manner; immediately reporting unsafe situations, spills, and accidents; following University safety plans/procedures/protocols; and participating in appropriate safety training.
 20. Demonstrates UTSA core values: Integrity, Excellence, Inclusiveness, Respect, Collaboration, and Innovation.
 21. Performs other duties as assigned.
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Minimum Requirements

Education/Certifications

- High school graduate or equivalent
- Six years of experience in the installation, maintenance, and repair of fire alarm and/or fire protection systems or electronics

Experience

- List experience required including number of years
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Knowledge Skills & Abilities

- Knowledge and skill in the use of electronics, fire alarms, fire suppression, and related equipment.
 - Standard office equipment usage.
 - Multi-meter and hand tools.
 - Proficient in Microsoft Office Suite
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Core Competencies

Customer Focus, Dealing with Ambiguity, Functional and Technical Skills, Action Oriented, Self-Development, Decision Quality, Developing Direct Reports

Working Conditions

Working Environment:

- Academic, laboratory, research, clinical facilities, and field conditions in or adjacent to radiological, biological, chemical, and other hazardous material work areas.
 - Exposure to mechanical and electrical hazards, hazardous chemicals, high pressure water and air systems, high speed equipment, confined spaces, and heights.
 - Exposure to variable Texas weather conditions and/or physical hazards such as working in elevate and confined spaces; working in attics, sub-floors, machine rooms, on roofs, and other operational areas. Exposure may be prolonged.
 - Exposure to various mechanical, electrical, laboratories, and other university spaces.
 - Exposure to variety of construction and physical plant hazards including medium voltages (15KV), confined
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space, elevated heights, dust & dampness, high noise levels, outside weather and energized equipment & systems.

- Exposure to potential occupational hazards including toxic, biological and chemical hazards within certain laboratory spaces.
- Exposure to elevated level of noise.
- Required to wear Personal Protective Equipment when needed, to include: steel toe or non-slip shoes, eye protection, hardhat, back belt, body harness, biological protective gear, ear muffs or plugs, respirator, and arc flash protection.
- Use of specialized personal protective equipment and work in hazardous areas mandates participation in the UTSA Occupational Health Program.
- Must wear and properly maintain uniforms.
- Required to be on stand-by call status, carrying pager, cell phone or two-way radio as assigned and respond to afterhours emergency calls.
- Required to be on stand-by call status for overtime, evenings, after hours, odd hours, shift work, weekends, and/or holidays as needed. Flexibility in scheduling may be required.

Physical Demands:

- Medium work: Exerting up to 50 pounds of force occasionally, and/or up to 20 pounds of force frequently, and/or up to 10 pounds of force constantly to move objects
- Regularly required to stand, walk, use hands to feel, reach with hands and arms, and talk or hear.
- Frequently required to climb, balance, stoop, kneel, crouch, crawl, reach, stand, walk, push, pull, lift, finger, grasp, feel, and/or use repetitive motions.
- Ability to climb ladders and stairways and work on building rooftops of high elevation.
- Ability to work in confined spaces such as ceiling, under floor crawlspaces, and manholes.
- Repetitive motions that may include the wrists, hands, and/or fingers.
- Reaching overhead, at or below shoulder level.
- Operating machinery and/or power tools.
- Required to have visual acuity to perform an activity such as: operating machines such as lathes, drill presses, power saws and mills where the seeing job is at or within arm's reach; performing mechanical or skilled trades tasks of a non-repetitive nature such as ones by carpenters, technicians, service people, plumbers, painters, mechanics, etc.