

UNT SYSTEM REGULATORY REQUIREMENTS

SECTION 014100

PART 1 GENERAL

1.1 SUMMARY

- A. Design and construction codes applicable to UNT System projects are as follows:
1. National Fire Protection Association (NFPA)
 - a. 2018 edition NFPA 1 Fire Code
 - b. 2013 edition NFPA 13 Standard for the installation of [Fire] Sprinkler Systems
 - c. 2013 edition NFPA 13R Standard for the installation of [Fire] Sprinklers in Low-Rise Residential Buildings
 - d. 2013 edition NFPA 14 Standards for the Installation of Standpipe and Hose Systems
 - e. 2013 edition NFPA 20 Standard for the Installation of Stationary Pumps for Fire Protection
 - f. 2013 edition NFPA 24 Standard for the Installation of Private Fire Service Mains and Their Appurtenances
 - g. 2017 edition NFPA 70 National Electric Code
 - h. 2013 edition NFPA 72 National Fire Alarm Signaling Code
 - i. 2018 edition NFPA 101 Life Safety Code
 2. International Building Code Conference (ICC)
 - a. 2018 edition International Building Code,
 - b. 2018 edition International Mechanical Code,
 - c. 2018 edition International Plumbing Code,
 - d. 2018 edition International Fire Code,
 - 1) Including Municipal fire code amendments of the city¹ where the building is being constructed, pertaining only to the following, shall be used in the project design and construction:
 - i) water supply for fire suppression;
 - ii) fire hydrant number and locations;
 - iii) fire department access to the building;
 - iv) KNOX® key access boxes – contact UNT System Fire Marshal for specifics;
 - v) fire department connections (FDC & its location);
 - vi) fire sprinkler and standpipe systems;
 - vii) fire detection & alarm systems;
 - viii) elevator stretcher requirements*;
 - ix) communication coverage;
 - x) other emergency equipment requirements.
 - e. 2018 edition International Fuel Gas Code
 - f. 2018 edition International Energy Conservation Code
 3. *Design & Construction Guidelines – The University of North Texas*
 - a. (access the UNT Facilities Resources webpage at <http://facilities.unt.edu/resources>. “Under Projects & Renovations”, click on the “Design Guidelines – UNT” hyperlink)
 - b. For design guidelines specific to UNT Discovery Park – access the UNT facilities Resources webpage at <http://facilities.unt.edu/resources>. “Under Projects & Renovations”, click on the “Design Guidelines – RP Appendix” hyperlink.
 - c. Questions regarding the *Design & Construction Guidelines – The University of North Texas* are to be emailed to: Peter.Palacios@unt.edu
 4. Elevator and Escalator Construction
 - a. *Elevators, Escalators and Related Equipment, Administrative Rules of the Texas Department of Licensing and Regulation, 16 Texas Administrative Code, Chapter 74, §74.100 (Effective February 15, 2016).*
 - b. *2018 edition International Building Code (IBC), Chapter 30.
 5. Accessibility Standards

¹ Respectively: City of Denton, TX; City of Ft. Worth, TX.; City of Dallas, TX; City of Frisco, TX

2012 Texas Accessibility Standards (2012 TAS). (Elimination of Architectural Barriers Texas Government Code, Chapter 469. Administered by the Texas Department of Licensing and Regulation. Effective March 15, 2012).

6. Energy Conservation Design Standards for New Construction and Major Renovation² Projects:
 - a. 2015 edition International Energy Conservation Code (IECC);
 - b. Low-Rise Residential Buildings³ -- use Residential Section of 2015 edition IECC.
7. Water Conservation Standards
"Water Conservation Design Standards for State Buildings and Institutions of Higher Education Facilities" prepared by SECO, dated April 2016, as the water conservation design standards for any new construction or major renovation project. Download available at: <https://comptroller.texas.gov/programs/seco/code/>

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

² Major Renovation Projects: *For the purposes of this subchapter, a major renovation project is a building renovation or improvement where the implementation cost associated with energy or water efficiency improvements is \$2 million or more, based on the initial engineering cost estimate. [34 Tex. Admin. Code §19.33](#).*

Source Note: *The provisions of this §19.33 adopted to be effective August 13, 2002, 27 TexReg 7174; amended to be effective September 28, 2011, 36 TexReg 6303; amended to be effective April 7, 2016, 41 TexReg 2495.*

³ Low-Rise Residential Building: Residential buildings not more than three stories in height above grade that includes sleeping accommodations and a separate means of egress, and where the occupants are primarily permanent in nature (30 or more days in occupancy).