

TITLE 245: CHAPTER 15
LICENSURE AND PRACTICE OF PROFESSIONAL ENGINEERS AND LAND SURVEYORS
SUBCHAPTER 1. GENERAL PROVISIONS

245:15-1-3. Definitions

"Significant structures", beginning November 1, 2020, shall mean buildings and other structures that represent a substantial hazard to human life in the event of failure or are designated as essential facilities, including but not limited to:

- (A) Buildings and other structures whose primary occupancy is public assembly with an occupant load greater than 300,
- (B) Elementary schools, secondary schools or day care facilities with an occupant load greater than 50,
- (C) Adult education facilities, such as colleges and universities, with an occupant load greater than 500,
- (D) Hospitals, nursing homes, mental hospitals and detoxification facilities with an occupant load of 50 or more resident care recipients and/or surgery or emergency treatment facilities,
- (E) Prisons, jails, reformatories, detention centers, correctional centers,
- (F) Any building or other structure with an occupant load greater than 5,000,
- (G) Primary power-generating structures above 50 kilowatts,
- (H) Structures at water treatment facilities for potable water and wastewater treatment facilities serving more than 5,000 people,
- (I) Structures for public utility facilities containing quantities of toxic or explosive materials that are sufficient to pose a threat to the public if released,
- (J) Fire, rescue, ambulance and police stations and emergency vehicle garages,
- (K) Designated tornado, earthquake or other non-residential emergency shelters,
- (L) Designated emergency preparedness, communications and operations centers and other facilities required for emergency response,
- (M) Aviation control towers, air traffic control centers and emergency aircraft hangars,
- (N) Buildings and other structures having critical national defense functions,
- (O) Elevated water storage structures, and
- (P) Buildings and other structures with high lateral loadings including:
 - (i) those subjected to ultimate design 3 second wind gust speeds equaling or exceeding wind speeds corresponding to approximately a 3% probability of exceedance in 50 years, or
 - (ii) those that are in Seismic Design Category D and above.
- (Q) "Significant structures" shall exclude bridges and geo-structures. As defined in this document, "bridges" will not include elevated structures linking buildings. "Geo-structures" shall mean engineered structures that are loaded by the earth or whose resistance is derived from the earth.

A project defined as a "Significant structure" for which a permit has not been applied for or granted as of October 31, 2020, shall be required to have an engineer of record who is a licensed Professional Structural Engineer. Beginning November 1, 2020, all new projects defined as "significant structures", shall require an Oklahoma Licensed Professional Structural Engineer to be the engineer of record.