

DIVISION 26 - ELECTRICAL

SECTION 26 05 00 – COMMON WORK RESULTS FOR ELECTRICAL

PART 1: GENERAL

1.01 Scope of Standard

- A. This standard provides general guidance concerning the specific preferences of Texas State University for Common Work Results for Electrical.
- B. Texas State University recognizes that project conditions and requirements vary, thus precluding the absolute adherence to the items identified herein in all cases. However, unless there is adequate written justification, it is expected that these guidelines will govern the design and specifications for Texas State University projects.

1.02 Design Guidelines

- A. Code Compliance
 - 1. In this document “shall”* shall have the same meaning as in the OSHA Code of Federal Regulations (CFR) Article 29 Labor Part 1926.32 (p), (*mandatory).
 - 2. All electric work on Texas State University property shall comply with the latest version of The National Electric Code (NEC) in force at the pre-bid date as the minimum requirements.
- B. General.
 - 1. Use NFPA/NEC minimum, except where otherwise noted to exceed minimum.
 - 2. Service conductors shall be rated at 100% of panel rating i.e.: 200A rated panel shall have minimum 3/0 75 degree C wire.
 - 3. Ideally any new circuit breaker panels should not be more than 80% filled.
 - 4. Anticipate that building areas will be upgraded over time; therefore, provide sufficient electrical capacity initially.
 - 5. Do not overlook facilities for battery charging for various types of equipment and provide any such areas with ventilation.
 - 6. All enclosed areas containing electric equipment shall be conditioned.
 - 7. Make transformer vaults accessible from building exteriors.
 - 8. Doors on electrical rooms or closets should swing out; transformer vault rooms are required to swing out to conform to NFPA standards.
 - 9. Provide floor drains in electric vaults.
 - 10. Use identification systems for electric wiring and equipment.

PART 2: PRODUCTS (NOT USED)

PART 3: EXECUTION (NOT USED)

END OF SECTION 26 05 00