

SECTION 26 41 00 - LIGHTNING PROTECTION SYSTEM

PART I - GENERAL

1.1 SUMMARY

- A. Each new and remodeled building shall be provided with a lightning protection system.
- B. The design of the lightning protection systems shall indicate sufficient information in the Contract Documents to allow competitive bidding.

1.2 STANDARDS AND REFERENCES

- A. The following sources of industry standards shall be used.
 - 1. Lightning Protection Institute (LPI)
 - 2. National Fire Protection Association (NFPA)
 - 3. Underwriter's Laboratories (UL)
- B. All materials, equipment, installation, and arrangement of the system shall comply with the following specific references:
 - 1. LPI-175, Lightning Protection Installation Standard
 - 2. LPI-176, Lightning Protection System Material and Components Standard
 - 3. LPI-177, Inspection Guide for LPI Certified Systems
 - 4. NFPA-780, Lightning Protection Components
 - 5. UL 96, Lightning Protection Components
 - 6. UL 96A, Installation Requirements for Lightning Protection Systems

1.3 QUALITY ASSURANCE

- A. Perform work in accordance with NFPA 780.
- B. Perform work in accordance with UL 96A and provide independent UL Master Label inspection. Upon passing UL Master Label inspection, provide Master Label Certificate to F&S, and post framed copy in the room containing the Service Entrance to the building.
- C. Master label Certificate shall be posted to the UL website at lps.ul.com.

PART 2 - PRODUCTS

2.1 Materials

- A. All LPS materials shall be copper unless mounted on surfaces where galvanic action is possible, such as Aluminum flashing, etc.

PART 3 - EXECUTION

3.1

END OF SECTION 26 41 00

This section of the *U of I Facilities Standards* establishes minimum requirements only.
It should not be used as a complete specification.