



SAFE

STADIUM AND FACILITY EVALUATION

Do lighting poles require maintenance? Can you really extend the life of your structures with routine maintenance and repairs? The new ASCE Standard 72-21, Design of Steel Lighting System Support Pole Structures, addresses the importance of maintenance in Section 8.6.

Per ASCE 72-21, maintenance activities shall be performed over the life of a pole as specified by the owner. The maintenance program shall address the following as appropriate:

- Tightening loose anchor rod top and leveling nuts (below the base plate)
- Replacing missing anchor rod nuts and washers
- Replacing missing flange plate splice bolts, nuts, and washers
- Ensuring that pole cap and pole access opening covers are installed
- Replacing missing hardware, including nut-locking devices for lighting system components
- Clearing base flange plate grout weep holes or other drainage means
- Removing vegetation and debris in and around the base of the pole
- Tightening safety climb cable if installed
- Touching up or repairing pole galvanizing or other coatings
- Touching up or repairing exposed portion of below-grade coating
- Missing nuts, washers, and other hardware shall be replaced

Routine maintenance and repairs can add decades to the lifespan of your lighting support structures. It can also ensure the structural integrity of your poles when it comes time to re-lamp with LED light fixtures. Call SAFE at 570-359-3293 to leverage our experience with pole maintenance and inspections!

