



LIGHTNING ELIMINATORS

WWW.LIGHTNINGPROTECTION.COM

SERVICES

With LEC's unique combination of experienced consultants, engineers and integrated services, you can rely on expert advice backed by over 40 years of experience. LEC services have provided lightning, grounding, and surge protection solutions throughout multiple industries which have produced greater safety, savings and efficiency using our proprietary approach to risk reduction. The necessary services are dependent on your company's requirements. They can be as simple as a Technical Review or as extensive as a Site Survey. An LEC Solutions Analyst will be able to help you determine what you will need.

Consulting

- **Technical Review** is conducted at no cost and is based on photos, drawings and building plans provided by the client, in house by a solutions specialist and provides basic recommendations which will enable an initial understanding of what your facility should plan for.
- **Site Evaluation** includes an on-site visit by one or more of our sales solution experts. This visit can range from a one day, to a comprehensive multi-day event for large sites with complex electrical systems. Overall cost is based on the complexity of the site and will generate a 'Scope of Work' which will allow a facility to better understand the dangers and analyze the risk their site faces from lightning's direct and secondary.

Design Study specific to DAS[®] includes our sales and engineering team visiting the site. It provides a more detailed and scientific evaluation of your site's exposure and options for protection. You receive a formal report sometimes with site specific drawings of recommended designs as well as risk assessment as per IEC and IEEE; a Strike Probability Analysis and a Transient Analysis.

Site Survey is conducted after a purchase is made and requires an engineer. It is the final stage in designing a solution tailored to your protection requirements and includes all aspects of Risk analysis and design to produce detailed engineering drawings and system specifications in addition to providing a hands-on approach in the installation process.

Smart Ground[®] Testing is an advanced ground audit system that produces highly accurate results, even on energized systems. Unlike traditional



tests, Smart Ground utilizes sophisticated computer modeling, includes a complete professional analysis to IEEE/IEC standards, and provides practical recommendations to improve your grounding system.

Installations LEC offers supervisory support or full installation services. Should your company opt to engage a subcontractor or do it yourself, LEC will train the crew while directing installation and certifying applicable warranties. Full Installation is turn-Key and LEC provides all equipment, supervision, and physical labor to perform the installation. Note: Installation options are dependent on the project.

System Recertification Yearly recertification is needed to maintain the terms of the no-strike warranty issued with every Dissipation Array[®] System (DAS[®]).

