
around the oil patch

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UL listed parts, UL certified installers—Lightning Master provides the best site protection

“I’ve seen too many improperly protected oil and gas sites destroyed by lightning,” says Lightning Master President Bruce Kaiser. “But I’ve never seen one of our sites damaged unless the operator had changed something after we left.”

Is there a secret to why Lightning Master static and lightning protection consistently provides complete protection? There is a reason—but it’s not a secret. Or at least it won’t be here in a minute.

First let’s talk about the most common methods of lightning protection in the oil patch. Most companies hire local electricians to install a standard, cookie-cutter design at every site.

What’s wrong with that, you may ask. Electricians deal with electricity every day.

That’s true, and you absolutely want an electrician to run 220 to your hot tub.

But—and you knew a “but” was coming—electricians work well on 60-cycle, current-carrying systems that have steady flows of electrons—and a breaker system in place for when the flow gets to be too much.

With lightning strikes, electrons are flooding through the system like matinee patrons fleeing a theatre blaze—in a huge panic, and they’ll arc dangerously if the system is not properly designed and installed.

As a site manager, you’ll want proper design, installation—and parts. Underwriters Laboratories is the gold standard of approval for parts and procedures in a variety of industries—now including industrial lightning protection.

Lightning Master stainless steel parts are now UL listed. Because of the exposure to corrosion they’re asked to deal with, industrial lightning parts must be made to a much higher standard than residential or even commercial parts. Lightning Master has been designing and succeeding with sturdy stainless steel parts—including bimetal connectors—instead of lightweight aluminum or bronze residential parts for years.

The company submitted their parts directly to UL for testing and listing.

To further assure customer safety, Lightning Master



They’re not twins Lightning Master uses custom-designed stainless steel parts (right) instead of lightweight parts to conduct massive energy blasts from lightning. Call Lightning Master at 1-800-749-6800.

scheduled an on-site training class for its installers. As a result, the company’s installers and the company itself have been recertified to install industrial lightning protection to UL standards. This assures that your site is as safe from lightning—and their resulting damage—as currently possible.

Also, says Kaiser, “We’ve written the lightning protection standard for production sites that UL fully expects to use as a basis for their own inspection program.”

That means UL will be able to do inspections based on these standards and issue a Letter of Findings, similar to a Master Label. It means UL has certified that an installation has met this standard.

Since you have millions of dollars invested in equipment and people, as well as in safety standards for employees and vendors, doesn’t it make sense to protect equipment and people from possibly the most unpredictable and dangerous accident of all—lightning?

Call Lightning Master today to learn about inspections and installations that can keep you grounded in safety.

Contact the experts at Lightning Master at 800-749-6800 or email them at solutions@lightningmaster.com.