



# ClampStar Newsletter

March 9, 2011

Greetings,

Welcome to the ClampStar newsletter. This monthly newsletter is where we periodically highlight a variety of unique and interesting ClampStar stories and offer educational, industry related tips.

**Register For A Chance  
To Win This Truck**



**CLICK TO SEE:**

- ✓ Demo Video
- ✓ Utility Photos
- ✓ IR Video
- ✓ Test Reports
- ✓ Installation Video
- ✓ Past Articles

## Custom ClampStar

Do you have an upcoming connector repair or up-rate project? Give us a call, or click [here](#). One of our application engineers will be happy to discuss your project.

## Transmission & Distribution Hardware

*(Part 1, The Beginning)*

Transmission and distribution hardware (or Hi-Line hardware as it is commonly known) dates back to around 1882 with construction of the first electrical transmission lines in North America. The history and development of T&D hardware is also a history of insulators. The two are inseparable and both had their foundation in communications as early as 1755 when B. Martin began experimenting with conductors suspended from silk thread to insulate them from ground. Thus, it is fair to say that the forerunner of modern suspension insulators was silk thread.



Early insulators were primarily made of glass and dry process porcelain. They were of rather poor quality and failures were common. The first glass and porcelain pin type insulators were developed in the 1850's. [Read more.....](#)

### Next Month's Topic...

"T&D Hardware Part II"  
(Click [here](#) to automatically receive future editions of this newsletter.)

### ClampStar Events

APPA E&O Tech. Conf.  
Nashville, TN  
3/20-23, 2011

ESMO - Providence,  
RI 5/16-19, 2011

S.E.E. - Orlando, FL  
6/29-7/1, 2011

### IR Report Shows Dramatic Results With ClampStar!

During a routine line inspection, a prudent ClampStar utility customer identified a hot compression splice on a 336.4 kcmil conductor/115kv. They determined the best course of action was to install a ClampStar CSF-1302-048. So, on a sunny and cold February day they set out to do just that.



The load on the line at the time was 160 Amps with an ambient temperature of -7 C with no wind.

The attached IR report shows a dramatic decrease in temperature from 44.3 C to 7.1 C from the time the ClampStar was hung on the line until the last nut was tightened. A 37.2 C temperature drop in just 24 minutes! [Read More.....](#)

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If you're ready to start experiencing all the benefits that ClampStar has to offer, please contact us and we'll be sure to get you 'connected'.

Sincerely,

A handwritten signature in black ink that reads "Chris Costanzo".

Chris Costanzo  
Director, Marketing and Communications  
[Classic Connectors, Inc.](#)  
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