



ClampStar Newsletter

December 8, 2010

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.

CLICK TO SEE:

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

Corona RIV

The most general definition of corona is, "A discharge caused by electrical overstress". Although corona can occur in solid, liquid, composite, and other gaseous insulation, this discussion will be confined to AC outdoor overhead transmission lines for which the primary insulation is air. With that restriction, we can refine the definition of corona to be, "A luminous discharge due to ionization of the air surrounding an energized conductor which has a surface voltage gradient that exceeds the withstand gradient of the surrounding air". In this definition, conductor includes all energized components associated with the phase conductors..



Corona discharges result from electron avalanches due to the intensity of the electrical field surrounding the conductor and for AC transmission lines there are three types of corona discharges that are associated with polarity and characterized by their visual and audible properties and their resultant generated RIV/TVI (Radio Influence Voltage/Television Interference). [Read more.....](#)

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.

Next Month's Topic...

Overhead Conductors (Arbutus? What's an Arbutus?) (Click [here](#) to automatically receive future editions of this newsletter.)

"CSS" Style ClampStar

Due to popular demand, CCI has developed the New "CSS" style ClampStar units for use on Deadends and Suspension Clamp applications! Made with a single conductor leg, the new unit installs in minutes, the same as the traditional ClampStar units that are installed over splices.

ClampStar Events

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

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



Several applications have given rise to the need for this new design. While the standard "CSF" ClampStar units can be installed on deadends and suspension clamps, it is more difficult than installing them over splices, as the torque nuts must be tightened from above. This new "CSS" design allows the installer to approach from below, with the fasteners positioned downward as well, allowing the same easy access to tightening them as that of a traditional ClampStar over a splice. [Read More.....](#)

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,



Chris Costanzo
Director, Marketing and Communications
[Classic Connectors, Inc.](#)
800-269-1462 Ext. 1

©2010 CLASSIC CONNECTORS, INC. All rights reserved
800.269.1462 Proudly Made in the USA