



# ClampStar Newsletter

November 10, 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

## 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...

Corona and RIV (Radio Influence Voltage), Part 1 (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

## Strength Ratings of Conductor Support Hardware Part 2

**Why is Class 1 called "Full Tension" when it only requires 95% RBS?** You will recall that the "RBS" is a calculated value. It is possible, that in some conditions, a conductor may rupture below its rated breaking strength, however this is a very rare instance. It is also sometimes difficult, due to the limitations of test equipment and the method by which certain components are assembled, to obtain truly even loading on all strands. Therefore, some allowance is tolerated for such conditions. Most "full tension" tests that I have performed or witnessed exceeded 100% RBS, usually in the realm of 104 to 108%.



**Why is Class 1A considered "Normal Tension" when earlier discussions in this text stated that typical sag tensions were 15 to 20% RBS?** This 60% tensile rating level was established to better identify common components that support tensioned conductors, and will do so in "Normal Conditions" and retain their tension in conditions established by NESC as worst case, identified as 60%. [Read more.....](#)

## Hot Gloving It In Canada!

Last month, an AltaLink line crew performed a hot-glove, ClampStar installation in Alberta, Canada.

The ClampStar unit installed is the CSR-0883-030. It was installed on the 266 ACSR Partridge, 138kV, Taber/Brooks Alberta line.



Once the ClampStar was properly positioned on the conductor, the torque nuts were run-up finger tight before they were snapped off with a wrench.

Feedback from the line crew was very positive.

Click here to watch a [ClampStar Rigid Inline Splice Glove Installation](#) training video.

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,



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