



# ClampStar Newsletter

July 14, 2010

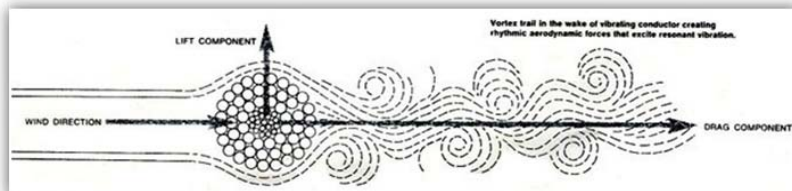
Welcome to the ClampStar newsletter. This monthly newsletter is where we periodically highlight a variety of unique and interesting ClampStar stories and offer educational, industry related tips.

## CLICK TO SEE:

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

## Overhead Conductor Vibration

The two types of wind-induced conductor vibration that are of interest to overhead transmission line engineers and designers are aeolian and galloping. The most prevalent is aeolian (the subject of this discussion) because it is caused by wind velocities ranging from about 2 - 15 miles per hour. Below 2 mph, the wind input energy is insufficient to sustain vibration, in most cases, and above 15 mph the winds tend to be turbulent.



## Next Month's Topic...

Aeolian Conductor Vibration Part 2 (Click [here](#) to automatically receive future editions of this newsletter.)

Aeolian vibration is resonant vibration caused by low velocity laminar wind blowing across tensioned overhead conductors. This low amplitude (less than one conductor diameter peak-to-peak), high frequency (typically 5 - 100 Hz) vibration can result in excessive bending strains and conductor strand damage at attachment points and dead ends. [Read more.....](#)

## Classic Connectors, Inc. Forms Strategic Alliance To Expand Production Capacity

To meet the rapidly growing demand for ClampStar in the U.S. and to position itself for international expansion, [Classic Connectors, Inc.](#) (CCI) recently formed a strategic alliance with [North American Die Casting](#) (NADC) in Birmingham, AL. CCI President, Waymon Goch stated "Due to the unprecedented demand for ClampStar, since some of our components have already progressed to die casting, and because ClampStar is an excellent candidate to become an aluminum die-cast product, it only makes sense to align ourselves with a top-rated, ISO-9001 certified, U.S. based, aluminum die casting facility to handle the volume of product we are producing. It complements our principal manufacturing facility in Mansfield, OH, where certified welders assemble ClampStar units. As this volume increases, die casting is the most viable alternative to handle the production requirements and maintain the strict quality standards on which Classic Connectors has based its reputation."



NADC has been in the casting business for more than 30 years and has extensive knowledge in component manufacturing of aluminum and zinc castings. With a proven track record of reliability and performance, CCI and its customers will benefit greatly from NADC's knowledge and expertise in die casting technology.

As the transmission and distribution infrastructure continues to age, and as more utilities increase preventive maintenance measures to reduce costs and are forced to harden and up-rate their lines to allow for increased current capacity, demand for ClampStar will continue to grow. As this occurs, CCI will keep on making the necessary changes to meet that demand.

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.](#)

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