

# HYGROUND® and Copper Clad Steel

## Theft Prevention and Cost Savings Just Got Easier!

Recent testing was performed to show that HYGROUND® connectors, when installed on Copperweld® or copper clad steel conductors, meets the requirements of UL467 for Grounding and Bonding. HYGROUND® connectors have been used on copper clad steel conductors since their inception. In an effort to reduce costs, many customers are increasing their use of copper clad steel conductor such as COPPERWELD®. Utilities and large industrial companies are increasingly taking measures to prevent theft, reduce costs, and reinforce security measures within all areas of the electrical grid system. Even with recent changes to legislation and increased law enforcement efforts, copper theft continues to rise and create electrical grid downtime, reliability issues, and safety concerns. In an effort to prevent these issues, there is a continuing trend to use copper clad steel conductors across electrical infrastructures.

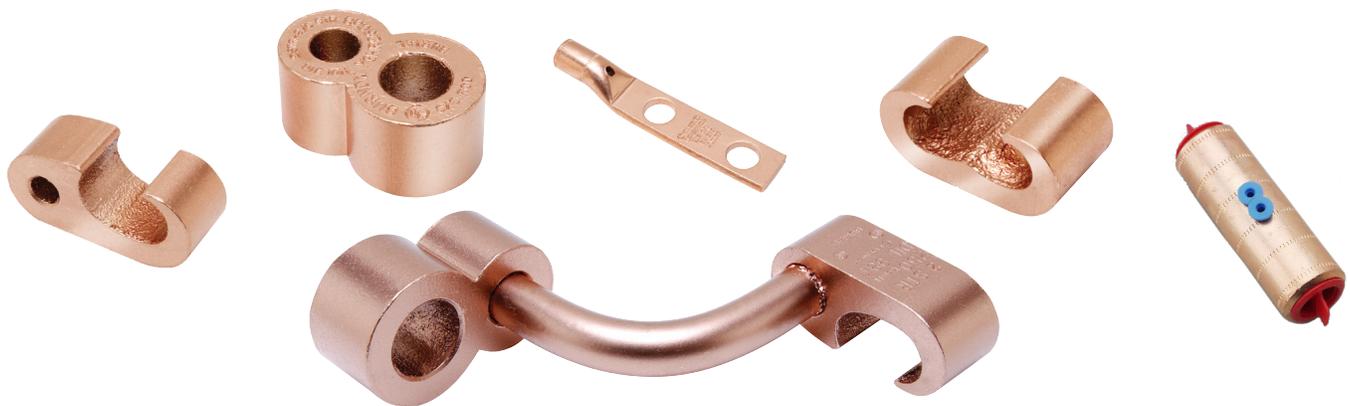
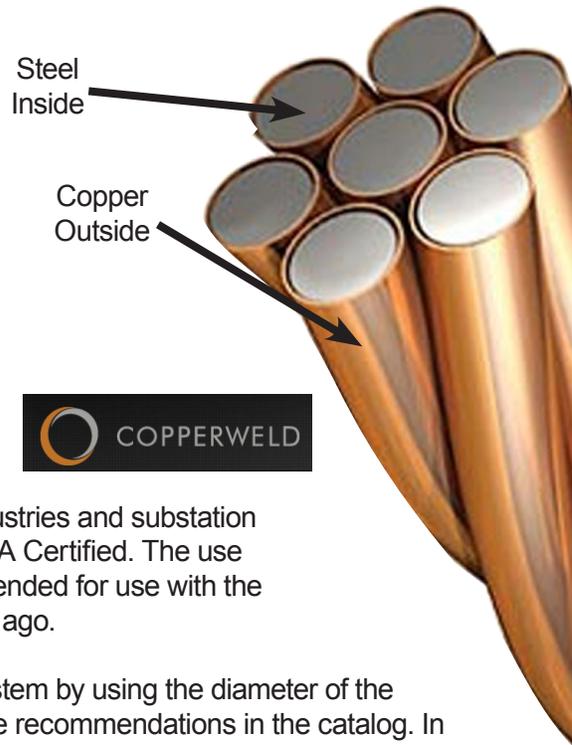
The BURNDY® HYGROUND® Compression Grounding System was originally designed to meet the rigorous demands of the Nuclear and Petrochemical industries and substation grounding, IEEE837. HYGROUND® connectors are also UL467 Listed and CSA Certified. The use of COPPERWELD® or other copper clad steel conductors have been recommended for use with the HYGROUND® system since the original design of the product over thirty years ago.

COPPERWELD® conductors can be accommodated by the HYGROUND® system by using the diameter of the cable and choosing a connector which falls into the range of the stranded cable recommendations in the catalog. In addition, COPPERWELD® cable connector choice tables are available from BURNDY.

Test report TD002391 Rev. A is now available and details testing of representative HYGROUND® connectors tested with applicable COPPERWELD® conductor sizes.

BURNDY®, The Grounding Superstore™, offers mechanical, exothermic, and compression connection options for copper clad steel.

COPPERWELD® is a registered trademark of Copperweld Bimetallics, LLC



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