

**RESOLUTION IN SUPPORT OF PROGRAMS TO RAISE AWARENESS OF PROPER BONDING FOR YELLOW CORRUGATED STAINLESS STEEL TUBING TO THE NATIONAL FIRE PROTECTION ASSOCIATION CODE.**

***OFFERED BY:  
NATIONAL ASSOCIATION OF STATE FIRE MARSHALS***

Whereas corrugated stainless steel tubing (CSST) is flexible gas piping used to convey natural gas or propane to household appliances within homes and businesses;

Whereas since 1990, CSST has been installed in more than 6 million homes and businesses in the United States;

Whereas field reports and research suggest that if direct or indirect lightning strikes a structure the risk for electrical arcing between the metal components in a structure with CSST may be reduced by means of equipotential bonding and grounding;

Whereas proper bonding of CSST is defined in the 2009 National Fuel Gas Code NFPA 54, 7.13.2, and which is referenced from the 2011 National Electric Code NFPA 70 sec. 250.104 Info Note #2;

Whereas proper bonding of yellow CSST reduces the possibility of gas leaks and fires from lightning strikes; and

Whereas efforts are under way to educate relevant stakeholders to include fire, building, and housing officials, consumers, and construction professionals about the need to properly bond yellow CSST in legacy installations and in all new installations in accordance with the most recent building codes and manufacture installation instructions;

Whereas proper bonding of yellow CSST in legacy installations is an important public safety matter that merits alerting homeowners, relevant state and local fire, building and housing officials, construction professionals such as electricians, contractors, plumbers, inspectors and home improvement specialists;

**Now, therefore, be it resolved that, the Congressional Fire Services Institute:**

- 1) Commend efforts to promote and enhance public safety and consumer awareness on proper bonding of yellow CSST as defined in the NFPA Code; (CSST should be permanently bonded to the electrical grounding system in the structure, via bonding clamp and wire attachment from the fuel gas piping system to the premises' grounding system); and
- 2) Encourages Congressional support for education efforts of the public, relevant building and housing officials, consumer homeowners, and construction professionals on the need to properly bond yellow CSST retroactively and moving forward in houses that might contain the product.