

Corrugated Stainless Steel Tubing (CSST)



Corrugated Stainless Steel Tubing (CSST) is an *International Fuel Gas Code* approved piping for natural gas and is present in many homes today.

CSST is a flexible (usually yellow coated) stainless steel pipe usually found running through a home or business under floors, along sidewalls, and in an attic. CSST has many benefits over traditional black iron pipe installation because it is much easier and usually less costly to install; however, pipe failure can be catastrophic if it is not installed properly.

If lightning strikes a building where CSST is installed, the current can travel along the piping wall and fail where the current exits the pipe because the pipe wall is generally much thinner than other types of natural gas piping. For this reason, CSST piping systems must be bonded to the electrical service grounding electrode system using no smaller than a 6 AWG copper wire or equivalent at the point where the piping enters the structure.

If CSST is present in your home or business, Lancaster Municipal Gas recommends that you contact a licensed electrician to make sure it is properly bonded and grounded.

Lancaster Municipal Gas does not perform CSST bonding/grounding inspections.

If you are unsure whether your building contains CSST, contact a building inspector to arrange an inspection.