

DEFECT OF THE MONTH

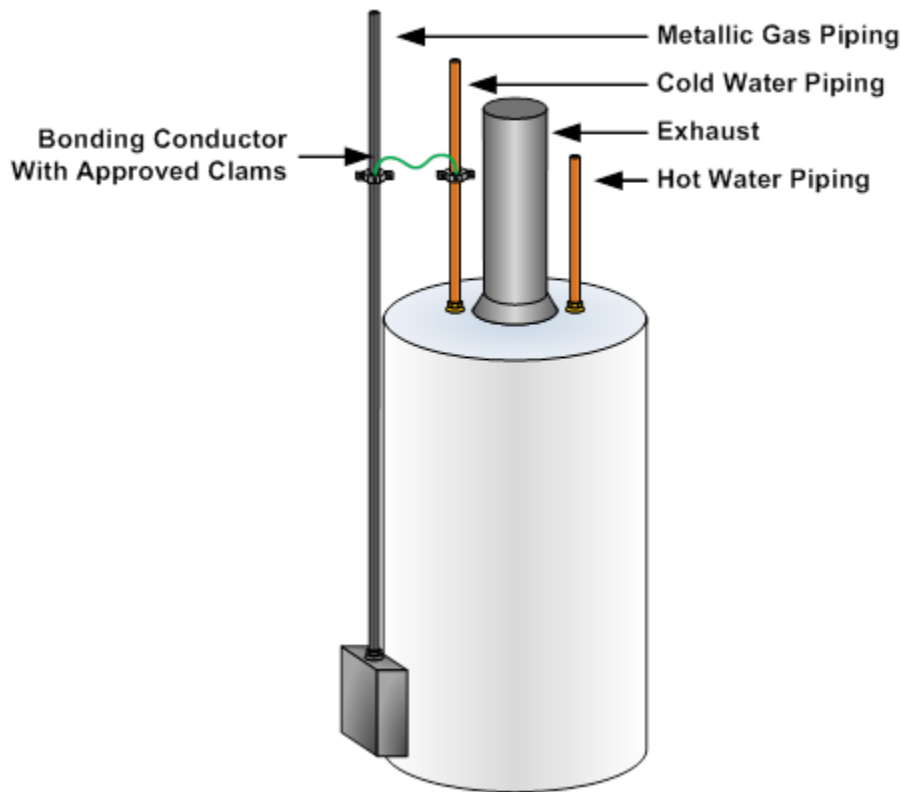
April 2017

Bonding of Non-Electrical Equipment – Rule 10-406



Over the past year, ESA Inspectors have issued more than 1,800 defects related to Rule 10-406 and the bonding of non-electrical equipment. Most of the defects that have been written are related to bonding of metal gas piping.

Rule 10-406 requires the interior gas piping system to be bonded with a minimum of a No. 6 AWG copper or a No. 4 AWG aluminum conductor, with approved clamps suitable for the conductor size and type.



Note: The Ontario Electrical Safety Code does not include requirements for bonding Corrugated Stainless Steel Tubing (CSST). If bonding is necessary, the location of bonding connections and the connection method should be according to the manufacturer's directions and shall meet the requirement of the Technical Safety Standards Authority.

Refer to Bulletin 10-14-* for more information.