



# City of Lawrence KANSAS

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April 10, 2007

Re: Gas line Bonding Requirement

Dear Electrical Contractor,

This office has recently contacted all contractors regarding an issue that has developed in the Gastite® CSST gas piping system combined with a bonding requirement.

The Building Safety Division issued a recommendation to bond all installations that contain Gastite® CSST piping with #6 awg copper conductors. Our office has discovered that several interpretations were derived from the content of the letter. Our office recently received some direction from the Electrical Board of Appeals on this matter. The recommendation from the Board along with some discussion within our office has led us to increase the requirement initially stated in the previous letter.

The recommendation from our office is to provide a minimum of a #6 awg copper bonding conductor to all gas lines installed within our jurisdiction beginning immediately. The installation of the #6 awg copper would need to follow the 2005 National Electrical Code section 250.104 (B) to meet the minimum standards. Clamps must be listed and installed according to the listing and remain accessible if not buried or concrete encased. Metallic gas piping should never be used as a grounding electrode and that use is strictly prohibited by 250.52 (B) in the NEC.

The intent of our office is to extend the requirement to all installations and ensure consistency in enforcement. Projects currently under construction but without finals would most likely need to have the bonding conductor installed to pass the final inspection. If you have further questions please contact Phil Burke, Electrical Inspector at 832-3105.

Sincerely,

Barry Walthall  
Building Safety Manager

cc: Victor Torres, Director of Neighborhood Resources Dept., and Inspection Staff

