



Buncombe County Permits and Inspections

30 Valley Street, Asheville, N.C. 28801

Phone: (828) 250-5360 Fax: (828) 251-4936

MEMORANDUM

DATE: July 19, 2007

TO: Building, Plumbing, Mechanical and Electrical Contractors

FROM: Matt Stone, Inspections Coordinator

SUBJECT: Installation & Permitting of Corrugated Stainless Steel Tubing (Gas Line) Systems

Recently this department has received request regarding our policy for installing Corrugated Stainless Steel Tubing (CSST) systems.

Technical bulletins for Parflex, Wardflex, Metal-Fab and Trac pipe, require the gas piping system to be bonded in accordance with Article 250-66 of the NEC instead of Article 250-104(B). Buncombe County will enforce the manufacturer's installation instructions to include the written text in paragraphs (A), (B), (C) & Table 250.66 of Article 250-66 of the 2005 National Electrical Code. Gastite bulletin allows the use of AWG 6 copper to bond their piping system per section 4.10 of the design and installation guide for Gastite brand CSST. Other brands not listed are Easyflex, Tru-flex and Proflex; we are awaiting their bulletins for requirements.

Bonding of the CSST systems shall be installed by a NC licensed electrical contractor. If the installation does not have an active electrical permit then a licensed electrical contractor shall secure an electrical permit from our office.

According to manufacturer's instructions, the installation of CSST must be performed by a qualified installer. In order to assure compliance beginning August 15, 2007, our department will require a copy of this certification be left on the jobsite along with the manufacturer's installation instructions. FAILURE TO DO SO WILL RESULT IN A RE-INSPECTION FEE.