



TEXAS DEPARTMENT OF LICENSING AND REGULATION

Compliance Division/Boiler Program

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January 24, 2017

BOILER TECHNICAL GRAM

Number: 2017-01

To: Deputy Boiler Inspectors
Authorized Inspectors
Authorized Inspection Agencies

From: Office of the Chief Inspector
TDLR, Compliance Division, Boiler Program

Subj: Power Boilers Installed with Type B Vent Piping for the Chimney; Texas Boiler Rule: 16 TAC § 65.602. Chimneys and Vents

Texas Boiler Rule: 16 TAC § 65.602. Chimneys and Vents requires:

All chimney and vents shall be installed in accordance with Boiler Manufacturer recommendations and Chimney/Vent Manufacturer recommendations.

With the addition of this rule, effective June 15, 2015, Power Boilers may no longer be brought into service with Type B vent piping installed for chimneys or vents. This is because, due to its construction and listings, Type B vent piping is not rated for the flue (chimney) gas temperatures associated with Power Boilers and is therefore not "in accordance with Boiler Manufacturer recommendations."

During the rulemaking process for § 65.602, it was determined that while previously there had been an implied requirement that the boiler chimney/vent be installed according to code, nothing explicitly defined the type of chimney/vent that meets code. After § 65.602 became effective, the addition of this clarifying rule means that any chimney or vent installations "be installed in accordance with Boiler Manufacturer recommendations."

It is important to note that the relocation or replacement, on or after June 15, 2015, of boilers and associated chimneys/vents predating June 15, 2015, would constitute an installation. As such, owners or operators of Power Boilers installed on or after June 15, 2015, must comply with § 65.602, and therefore shall not install Type B vent piping for chimneys or vents. If Type B vent piping has been installed, the Power Boiler must be retrofitted in order to bring it into compliance.

Owners or operators of Power Boilers installed before June 15, 2015, will not be required to retrofit their boilers and associated chimneys/vents ***as long as the Type B vent piping is currently in an acceptable condition (no rust or holes or other conditions affecting the integrity of the vent piping)***, as documented

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during the most recent inspection of the boiler. However, the Type B vent piping shall be replaced with the proper type of vent piping when one of the following conditions is met, whichever occurs first:

1. The existing Type B vent piping show signs of being compromised, including rusting at the pipe's connection joint, or the existence of holes in the pipe or other conditions affecting the integrity of the vent piping;
2. When the boiler is replaced;
3. When the boiler is moved to another location; or
4. Any other activity affecting the installation of the boiler that meets the definition of "install" defined at § 65.2(36).

Any questions regarding this Technical Gram should be addressed to the Chief Boiler Inspector or an Inspection Specialist.

Sincerely,



Robby D. Troutt
Chief Boiler Inspector
TDLR – Boiler Program