



TEXAS DEPARTMENT OF LICENSING AND REGULATION

Regulatory Program Management Division/Boiler Program

P. O. Box 12157 • Austin, Texas 78711 • (512) 539-5716

Fax: (512) 539-5687 • boilers@tdlr.texas.gov • www.tdlr.texas.gov

Number: 2018-02

Date: May 14, 2018

To: Authorized Inspectors
Authorized Inspection Agencies
Deputy Inspectors

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

Subj: Boiler Technical Gram

Re: Electric Power Boiler Water Level Indicators

Ref: Texas Boiler Administrative Rule: § 65.607, Power Boilers, Excluding Unfired Steam Boilers and Process Steam Generators, subsection (c), Water Level Indicators

The Texas Boiler Administrative Rule, § 65.607(c), does not address electric boilers built to ASME Section I, parts PMB and PEB. This technical gram is distributed for guidance because manufacturers are now installing Bull's-Eye type water level indicators.

Boilers stamped with the ASME "M" Designator, and as identified on the data report, shall meet the scope requirements for miniature boilers in PMB-2. These boilers may have a Bull's-Eye per Section I, paragraph PMB-13.1: "In the case of small boilers operated in a closed system where there is insufficient space for the usual water gage glass, water level indicators of the glass bull's-eye type may be used."

Boilers stamped with the ASME "E" Designator, and as identified on the data report, shall meet the scope requirements for miniature boilers in PEB-2. These boilers may also have a Bull's-Eye to meet the requirements in Section I, paragraph PEB-13.1. However, since PEB-13.1 does not address the use of this type of indicator, ASME authorized Code Case 2715 (Exhibit 1), allowing manufacturers to use Bull's-Eye type water indicators. When inspecting electric boilers built to PEB, the inspector must verify the Code Case is cited on the data report.

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

Sincerely,

A handwritten signature in blue ink, appearing to read "Robby D. Troutt".

Robby D. Troutt
Chief Boiler Inspector
TDLR – Boiler Program

Mike Arismendez, Chair – Shallowater, Texas

Tom Butler, Vice-Chair – Deer Park, Texas
Gerald R. Callas, M.D. – Beaumont, Texas
Helen Callier – Kingwood, Texas

Rick Figueroa – Brenham, Texas
Gary F. Wesson, D.D.S., M.S. – Bastrop, Texas
Deborah A. Yurco – Austin, Texas