UL 726

STANDARD FOR SAFETY

Oil-Fired Boiler Assemblies

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UL Standard for Safety for Oil-Fired Boiler Assemblies, UL 726

Seventh Edition, Dated November 30, 1995

Summary of Topics

This revision to UL 726 dated September 24, 2024 includes the following changes in requirements:

– Safety shut down on pressure limit on low pressure steam boilers: 13.2.2.

– Redundant LWCOs on low pressure steam boilers: 13.4.1, 13.4.2, and 13.4.5.

– Updates to align with ULSE style manual: Section 3A and Section 4.

Text that has been changed in any manner or impacted by ULSE's electronic publishing system is marked with a vertical line in the margin.

The revised requirements are substantially in accordance with Proposal(s) on this subject dated June 28, 2024 and August 9, 2024.

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November 30, 1995

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The Department of Defense (DoD) has adopted UL 726 on January 27, 1992. The publication of revised pages or a new edition of this Standard will not invalidate the DoD adoption.

Comments or proposals for revisions on any part of the Standard may be submitted to ULSE at any time. Proposals should be submitted via a Proposal Request in the Collaborative Standards Development System (CSDS) at https://csds.ul.com.

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APPENDIX A

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INTRODUCTION

1 Scope

1.1 These requirements apply to oil-fired boiler assemblies.

1.2 Requirements for the installation and use of oil-burning equipment are included in the Standard of the National Fire Protection Association for the Installation of Oil-Burning Equipment, NFPA 31.

1.3 *Deleted*

2 General

2.1 The term "appliance" refers to any equipment covered by this Standard.

2.2 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.

3 Glossary

3.1 For the purpose of this Standard the following definitions apply.

3.1.1 AIR-INTAKE TERMINAL – The fitting which is located on the outside of the structure through which the air for combustion is taken from the outside atmosphere. The terminal is intended to be connected to the combustion air intake of the boiler with additional piping.

3.2 AIR SHUTTER – An adjustable device for varying the size of the air inlet or inlets regulating primary and/or secondary air.

3.3 ANTIFLOODING DEVICE – A primary safety control which causes the fuel flow to be shut off upon a rise in fuel level or upon receiving excess fuel, and which operates before the hazardous discharge of fuel can occur.

3.4 APPLIANCE FLUE – The flue passages within the appliance.

3.5 AUTOMATICALLY LIGHTED APPLIANCE – An appliance in which fuel to the main burner is normally turned on and ignited automatically.

3.6 BAFFLE – An object placed in an appliance to direct the flow of air or flue gases.

3.6A BIODIESEL – Any biodiesel blend stock as defined by Standard Specification for Biodiesel Fuel Blend Stock (B100) for Middle Distillate Fuels ASTM D6751, intended to be utilized as a complete fuel source (B100) or blended with a distillate fuel oil.

3.7 BOILER – A closed vessel in which water or some other liquid is heated or in which steam is generated or superheated, under pressure or vacuum, by direct application of heat.

3.8 BOILER, HIGH PRESSURE STEAM – A boiler in which steam is generated at a pressure higher than 15 psig (103 kPa).

3.9 BOILER, HIGH TEMPERATURE WATER – A boiler intended for operation at a pressure exceeding 160 psig (1103 kPa) or at a temperature exceeding 250°F (121°C) or both.

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