

SUMMARY OF TOPICS

The following changes in requirements to the Standard for Oil-Fired Air Heaters and Direct-Fired Heaters, UL 733, are being proposed for preliminary review and comment only:

- 1. For Preliminary Review Only: Revise title and scope of standard***
- 2. For Preliminary Review Only: Update glossary terms***
- 3. For Preliminary Review Only: Clarify assembly requirements***
- 4. For Preliminary Review Only: Clarify construction requirements***
- 5. For Preliminary Review Only: Clarify marking requirements***

COMMENTS DUE: OCTOBER 31, 2018

This proposal is for review and comment only (no ballot at this time). Please note that comments on a preliminary review document will not receive a response from the proposal author through CSDS. Instead, the proposal author will be asked to review the comments and adjust the proposals and/or supporting rationale as the author determines to be appropriate. The preliminary review process is an informal mechanism that provides authors with the opportunity to refine their proposals before they advance to the next stage in UL's standards development process.

In some cases, the author of the proposals may choose to discontinue them. In this case, the author need not do anything after preliminary review has ended. Normally, the next step in the process is the more formal STP ballot and stakeholder review process. Only comments posted during the STP ballot and stakeholder review process will be provided with a response in CSDS.

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

1. For Preliminary Review Only: Revise title and scope of standard

RATIONALE

Proposal submitted by: Jim Jagers, Mestex LTD

Title of Standard - The title of this standard is vague in that it can be interpreted to mean air heaters that burn oil and direct fired heaters that may or may not burn oil and may burn a fuel such as natural gas. ANSI has two standards that address direct fired-gas heaters.

1.1 – This scope statement is vague in that it can be interpreted to mean air heaters that burn oil and direct fired heaters that may or may not burn oil and may burn some other fuel such as natural gas. ANSI has two standards that address direct gas-fired heaters.

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1.4 – Adding a statement that declares these heaters as temporary heating appliances tightens the standard to meet its intent.

PROPOSAL

Title: Standard for Oil-Fired Air Heaters and Oil-Fired Direct-Fired Heaters

1.1 These requirements apply to oil-fired air heaters and oil-fired direct-fired heaters.

1.4 This standard is not intended for permanently installed heaters.

2. For Preliminary Review Only: Update glossary terms

RATIONALE

Proposal submitted by: Jim Jagers, Mestex LTD

4.2 – The additional wording for this change is taken from Clause 4.35 Clause 4.39 and clarifies the definition of an air heater. By changing the title and scope as proposed the standard is clarified to be for oil-burning heaters only. The only places in the standard where the term OIL-FIRED AIR HEATER is used is in the Title, Glossary and Clause 57.1 (b). The only places the term INDIRECT-FIRED APPLIANCE is used is in the Glossary Clauses 4.35 and 4.39. Changing the title and scope as proposed makes the term OIL-FIRED AIR HEATER redundant. By adding proposed Clause 1.3 eliminates the need for the wording deleted in this proposal.

4.13 – Deleting this Clause has no effect on this standard as the only 2 places this term is used is in this clause.

4.24 – The additional wording for this change is taken from Clause 4.38 and clarifies the definition of a direct-fired heater. By changing the title and scope as proposed the standard is clarified to be for oil-burning heaters only. The only place in the standard where the term OIL-BURNING DIRECT-FIRED HEATER is used is in the Glossary. Changing the title and scope as proposed makes the term OIL-BURNING DIRECT-FIRED HEATER redundant.

4.35, 4.38, 4.39 – With the proposed changes the Scope and Glossary these clauses becomes unnecessary.

4.51 – With the proposed change to Clause 4.2, Clause 4.51 becomes unnecessary. Clause 4.2 describes a vented air heater. There are 3 places where this term is used and all are in the Glossary: Clause 4.2, 4.13 and 4.51. Clause 4.2 is proposed to be changed to include the definition of a vented heater. Clause 4.13 is completely unnecessary within this standard. Clause 4.51 is thus unnecessary.

PROPOSAL

4.2 AIR HEATER – An indirect-fired vented appliance, equipped with one or more oil burners, safety controls, electrical equipment as needed, and related equipment, manufactured for assembly as a complete unit, intended to supply heated air for space heating and other purposes, but not intended for permanent installation and designed so that combustion products or flue gases are not mixed in the appliance with the medium to be heated and provided with a flue collar. This definition does not include central furnaces, kerosene stoves, oil-burning stoves, or unit heaters.