

NYC Buildings Department 280 Broadway, New York, NY 10007

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BUILDINGS BULLETIN 2010-006

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Director, Office of Technical Certification and Research

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Purpose: This document establishes acceptance criteria for pre-compustion, non-additive fuel oil catalyst

reformers as new equipment not referenced in the 2008 NYC Construction Codes.

Related Code MC 1301.2 AC 28-113.3.4 Section(s): MC 1308.2 AC 28-113.4

Subject(s): Oil burner, piping, fuel oil catalyst reformer; Fuel oil catalyst reformer, oil burner.

Description: A fuel oil catalyst reformer is an accessory equipment that reforms fuel oil in the supply line at

or near the burner. This bulletin addresses only the safety of the fuel oil catalyst reformers when

installed in such focation.

Evaluation Scope: 2008 NYC Construction Codes

Evaluation Criteria:

Uses:

Pursuant to AC 28-113, the Office of Technical Certification and Research recognizes the use of fuel oil catalyst reformers tested and evaluated in accordance with ANSI/UL 296, "Oil Burner", and ANSI/UL 331, "Strainers for Flammable Fluids and Anhydrous Ammonia". Acceptable fuel oil catalyst reformers shall be tested and listed by an approved agency to these standards, and shall comply with the conditions of this bulletin.

This bulletin evaluates safety criteria of this accessory equipment only.

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Fuel all catalyst reformers are installed in the supply line of boilers, heating systems and generators burning fuel oil.

Conditions of Acceptance:

Fue oil catalyst reformers shall be designed and installed in accordance with the 2008 NYC Construction Codes and other applicable provisions including but not limited to the following:

A. Design

Fuel oil catalyst reformers shall be specified in accordance with the manufacturer's recommendations and the conditions of the listing.

B. Installation Requirements

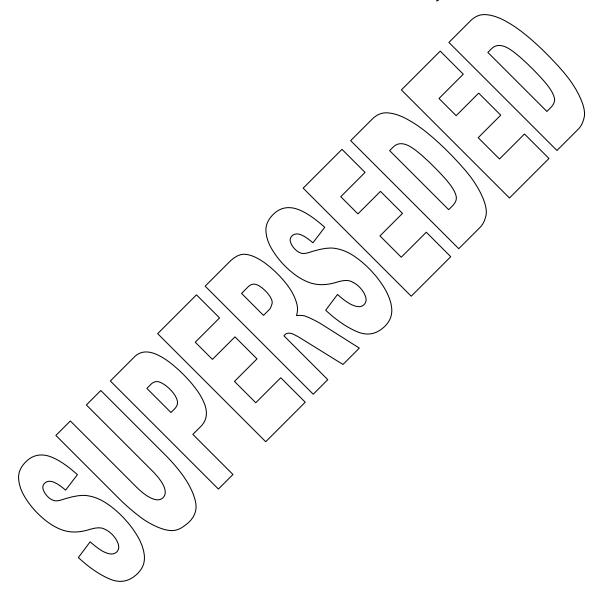
 Installation requirements shall be in accordance with the manufacturer's instructions, and the conditions of this bulletin.

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- 2. Fuel oil catalyst reformer shall be installed only by a licensed oil burner installer.
- 3. Fuel oil catalyst reformer shall be labeled as per AC 28-113.4. All shipments and deliveries of materials shall be accompanied by a certificate or label certifying that the materials shipped or delivered are equivalent to those tested and approved.

Referenced Standards:

- ¹ ANSI/UL 296-09 "Oil Burner"
- ² ANSI/UL 331-08 "Strainers for Flammable Fluids and Anhydrous Ammonia"



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