



NYC Department of Buildings
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Patricia Lancaster, FAIA, Commissioner
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Report of Materials and Equipment Acceptance Division

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 86-07-E

Manufacturer: Metal-Fab, Inc., 3025 May Avenue, P.O. Box 1138, Wichita, KS 67201

Trade Name(s): IPIC Series 4G

Product: Listed factory-built grease duct enclosure, 2-hour fire rating

Pertinent Code Section(s): RS 13-3 (NFPA-96) and 27-133 Alternate or Equivalent Materials

Prescribed Test(s): UL 2221

Laboratory: Underwriters Laboratories, Inc.

Test Report(s):

- (1) UL File R15388, Project 94NK15365 issued October 26, 1994
- (2) UL File R15388, Project 07NK02926 issued February 9, 2007
- (3) UL letter dated April 3, 2007

Description: IPIC series 4G is a listed factory-built grease duct system that is an alternative to a two-hour fire rated enclosure. IPIC Series 4G grease duct system provides a zero/reduced clearance to combustibles and is rated for use at 500°F with intermittent operation at 2000°F.

IPIC Series 4G is a fiber-insulated, sealed, liquid tight, prefabricated duct system for venting grease laden vapors from commercial kitchen hoods. The modular duct system is constructed of double walled steel with 4 inches of 6 or 8 pcf ceramic fiber insulation between the inner flue and outer casing. Duct size ranges from 6 inches to 36 inches inside diameter.

Pursuant to "Promulgation of the Rules relating to Material and Equipment Application Procedures" dated November 5, 1992, the Bureau of Fire Prevention has no objections Letter dated June 26, 2007, F.P. Index #0703050C.

Terms and Conditions: The above grease duct system is accepted provided that:

1. Installation, maintenance cleaning procedures and use comply with RS 13-3 of the New York City Building Code and all applicable New York City codes, rules, regulations and maintenance requirements.
2. A welded connection will be used where the duct meets the kitchen hood. No sloppy connections or holes around the periphery at the intersection of hood and grease duct shall be allowed.
3. Duct may be installed with zero clearance to combustibles.
4. Grease duct shall be installed in a fire-rated enclosed shaft where required by New York City Building Code. MEA resolution shall reflect same.
5. Underwriters Laboratories, Inc's. listing requirements and limitations shall be complied with.
6. Manufacturer's installation, maintenance procedures and limitations shall be complied with.
7. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and acceptable for use, as provided in Section 27-131 of the New York City Building Code.

Final Acceptance July 10, 2007.
Examined By Donald [Signature]