



FIRE DEPARTMENT

9 METROTECH CENTER

BROOKLYN, N.Y. 11201-3857

CERTIFICATE OF APPROVAL # 5129 THIS CERTIFICATE IS REVOCABLE, NOT TRANSFERABLE AND EXPIRES ON August 15, 2010

August 16, 2007

Mr. Jean-Michel del Amo
Regional Sales Manager
NUPI Americas, Inc.
1511 Superior Way
Houston, TX 77039

F.P. Index#: 0705016B

By order of Fire Commissioner, Nicholas Scoppetta and pursuant to §27-4015 of the Administrative Code, the following equipment or material may be acceptable for use provided the conditions as outlined below are in full compliance.

Manufacturer: NUPI S.P.A Bologna, Italy **Applicant:** NUPI Americas, Inc.

Product: Underground non-metallic primary and secondary piping (**with coaxial bypass coupling SMEDW90**) to be installed for carrying liquid petroleum motor fuels and oxygenated gasoline including up to 100% ethanol/ methanol as listed in the UL File.

Trade Name: SMARTFLEX
50, 63, 75 and 90 MM diameter Smartflex primary carrier piping and
63, 75, 125 MM diameter secondary containment piping and
50/63 and 63/75 MM diameter integral primary secondary piping and
50, 63, and 90 MM diameter normal vent piping, and

Pertinent Code Section: §27-4062 of the New York City Administrative Code and Section (e) (n) of 3RCNY §21-20.

Laboratory: Underwriters Laboratories, Inc.

Test Report: UL File # MH20383 Project # 04NK26954 Issued 08-18-05 & 12-10-05
UL File # MH20383 Project # 04NK6954 Issued 03-30-04 (100% ethanol)
UL File # MH25887 Vol. 1 Sec. 2 Issued 05-08-06

Approved by: CARB Approval # 03-12A

Conditions of Approval:

1. The above referenced Smartflex Piping shall be used for underground motor fuel piping installations and shall be installed in accordance only with the manufacturer's and UL safety requirements and limitations. The UL listing for this pipe requires that accessory fittings and sumps recommended by the manufacturer be used. This pipe may be used for stage II vapor recovery piping underground portion of vent lines provided the installation is permitted by NYSDEC.
2. All other aspects of the installation shall comply with the requirements of the New York City Building and Fire Prevention Code including 3RCNY §21-20. Installation shall also conform to the applicable requirements of the NYS Department of Environmental Conservation and U.S. Environmental Protection Agency.

Note: To obtain a copy of the New York City Administrative Fire Code you may contact Citybooks Store at 212-669-8246. For a copy of the Fire Department Rules of the City of New York please contact Command Information Services, Legal Publishing Division at 518-436-8647.

3. The above referenced Smartflex piping may only be installed by NUPI Americas, Inc. certified contractors who have been trained by NUPI or its nominated representatives. Contractors should have a current ID card denoting their training status.
4. When carrying out the electro fusion process, only the NUPI electro fusion machine with the error reporting feature may be used.
5. Only approved tools such as cutters, rounding clamps and pipe scrapers, which are described in the installation manual (as docketed in UL Report) may be used.
6. The NUPI Americas, Inc. shall maintain the listing with the Underwriters Laboratories, Inc. for motor fuels containing alcohol and other types of additives used as motor fuel. Follow up program of the UL shall be maintained.
7. The Certificate of Approval is issued upon condition that the material or equipment's technology does not violate any patent, trade name, trade secret or other intellectual right.
8. The Fire Department's conditions of approval shall be enumerated in the installation manuals and brochures which will be provided to New York City buyers and installers.
9. The above referenced NUPI's UL/ULC listed Smartflex semi-rigid pipe and fittings for use in vapor recovery piping applications, utilizing underground storage tanks and buried vapor return piping. The Smartflex pipe submitted for CARB testing was: TSMA-single wall pipe and TSMAD-double wall in straight lengths as listed in CARB Approval # 03-12A.

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10. The Certificate of Approval number shall be plainly and permanently stamped or otherwise fixed upon the above referenced piping system by the NUPI Americas, Inc.
11. The New York City Fire Department Certificate of Approval does not constitute an endorsement or recommendation of your product by the Fire Department, but is a certification that your product, as represented, meets the standards as of the date of issuance.
12. The Fire Department reserves the right to withdraw this approval at any time in the event there is a reasonable doubt that the product does not operate or perform as required by code, the conditions of this resolution or as represented in your application.

Any change in company name or ownership, product name, product design, material of construction or model number of any product included on this certificate must be immediately reported to this Department in writing.

Very truly yours,



Anthony Hsueh
Senior Project Manager
Technology Management

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