

**CITY OF NEW YORK
DEPARTMENT OF BUILDINGS**

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner

**MEA 336-03-E
Report of Materials and Equipment Acceptance Division**

Manufacturer – Highland Tank and Manufacturing Company, Bigbee Steel and Tank Division, 99 West Elizabethtown Road, Manheim, PA 17545.

Trade Name(s) - DL1KNYC, DL500NYC, and DL280New York City.

Product - Double wall lube rectangular storage tanks.

Pertinent Code Section(s) - Building Code of the City of New York, Local Law No. 76, Article 17 Fuel Oil Equipment, Paragraph 27-828 Fuel Storage Equipment (3)(C) – Rectangular Tanks, of more than two hundred seventy-five gallon capacity (1).

Test(s) - UL 142 – hydrostatic proof of design (section 40), hydrostatic leak test (section 40), support load test (section 44), and top load test (section 41).

Laboratory -Underwriters Laboratories, Inc.

Test Reports - UL file MH5086, Project 03ME09099, issued July 31, 2003; Report reference MH 1994-06-01, issued July 31, 2003. UL letter dated January 13, 2004.

Description -The DLNYC series tanks are double wall rectangular tanks designed for the storage and dispensing of fuel oil, new and used lubrication oils, and new and used antifreeze. The tank's outer shell is sized to provide 110% containment of the primary tank.

The three specific sizes are listed in the table that follows.

MODEL	NOMINAL CAPACITY	NOMINAL INNER DIMENSIONS	NOMINAL OUTER DIMENSIONS	THICKNESS OF INNER AND OUTER
DL280NYC	280 gallons	5'L x 2'6"W x 3'D	5'1"L x 3'1"W x 3'5"D	5/16" inner x 10 gauge outer
DL500NYC	500 gallons	5'L x 2'8"W x 5'D	5'1"L x 3'3"W x 5'5"D	5/16" inner x 10 gauge outer
DL1000NYC	1000 gallons	10'L x 2'8"W x 5'D	10'10"L x 2'9"W x 5'5"D	5/16" inner x 10 gauge outer

The tank's solid bracing design ensures structural integrity that exceeds the rigors of daily use at service stations and lubrication facilities.

Underwriters Laboratories Standard for Safety #142 has been strictly followed during the design and testing. Each tank manufactured will be held to the quality standard of UL 142 and will bear a UL 142 label.

Pursuant to "Promulgation of the Rules relating to Materials and Equipment Application Procedures" dated November 5, 1992. The Bureau of Fire Prevention has no objections letter dated March 31, 2004, F.P. Index #0402015.

Recommendation- That the above units be accepted on condition that:

1. All uses, and installations shall comply with all applicable New York City Codes specifically Subchapter 14 of the Building Code and 3RCNY §21-17. Under no circumstances shall flammable materials (those with a flashpoint of below 100 degrees Fahrenheit) be placed into or stored in the above referenced tanks.
2. UL and manufacturer's installation, maintenance procedures and limitations shall be complied with.

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 those tested and accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance

May 11, 2004

Examined by

