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
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.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>NOMINAL CAPACITY</th>
<th>NOMINAL INNER DIMENSIONS</th>
<th>NOMINAL OUTER DIMENSIONS</th>
<th>THICKNESS OF INNER AND OUTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>DL280NYC</td>
<td>280 gallons</td>
<td>5' L x 2'6&quot; W x 3'D</td>
<td>5'1&quot; L x 3'1&quot; W</td>
<td>5/16&quot; inner x 10 gauge outer</td>
</tr>
<tr>
<td>DL500NYC</td>
<td>500 gallons</td>
<td>5' L x 2'8&quot; W x 5'D</td>
<td>5'1&quot; L x 3'3&quot; W</td>
<td>5/16&quot; inner x 10 gauge outer</td>
</tr>
<tr>
<td>DL1000NYC</td>
<td>1000 gallons</td>
<td>10' L x 2'8&quot; W x 5'D</td>
<td>10'10&quot; L x 2'9&quot; W x 5'5&quot;D</td>
<td>5/16&quot; inner x 10 gauge outer</td>
</tr>
</tbody>
</table>
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.


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

Final Acceptance

Examinnd by

May 11, 2004
Donald