CITY OF AUSTIN
STANDARD PRODUCTS LIST
for
MANHOLE GRADE RINGS, PLASTIC

USING DEPARTMENT: Austin Water
PREPARED BY: Robert Lamb, P.E.
ISSUED: 10/01/03
REVISED BY: Jeff A. Kyle, P.E.
REVISED: 07/01/18

DESCRIPTION:
Grade rings for adjusting the elevations of manhole rings and covers. High density polyethylene meeting ASTM D4976 or expanded polypropylene meeting ASTM D4819.

<table>
<thead>
<tr>
<th>LISTING DATE</th>
<th>MANUFACTURER</th>
<th>PRODUCT IDENTIFICATION/COMMENT</th>
<th>APPROVAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/01/03</td>
<td>LADTECH INC. 6704 Meadow Court Lino Lakes, MN 55038</td>
<td>Recycled HDPE used only on manholes in paved areas. Bead of butyl rubber sealant (Concrete Sealant, Inc. CS102) “rope” between each ring. See note 1.</td>
<td>R. Lamb</td>
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<tr>
<td>07/01/18</td>
<td>CRETEX SPECIALTY PRODUCTS N16 W23390 Stoneridge Dr. Waukesha, WI 53188</td>
<td>PRO-RING Expanded polypropylene tongue and groove grade rings. Bead of M-1 Structural Adhesive/Sealant between each ring.</td>
<td>J. Kyle</td>
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</tbody>
</table>

NOTES:
1. Not for general use. Use only where specified on project drawings.

LATEST REVISIONS:
1. Change SPL from "MANHOLE GRADE RINGS, HDPE" to "MANHOLE GRADE RINGS, PLASTIC", and change SPL No. from WW-703 to WW-146G.
2. Add CRETEX SPECIALTY PRODUCTS to SPL.
3. Update SPL Description.