



Chandler · Arizona
Where Values Make The Difference

List of Approved Products

Wastewater Manhole Corrosion-Protective Coating Systems:

1. Sauereisen Sewergard Lining No. 210 as manufactured by Sauereisen Cements, Pittsburgh, PA.
2. Sewer Shield 150 Epoxy Lining as manufactured by Environmental Coatings, Mesa, AZ.
3. Raven 405 Epoxy Lining as manufactured by Raven Lining Systems, Tulsa, Oklahoma.
4. COR+GARD 100% solids, high-build epoxy lining as manufactured by Action Products Marketing (AP/M) of Johnston, IA.
5. Plactsite
6. Neopoxy NPR 5300 Series Epoxy Lining by Neopoxy International, Hayward, CA.

The applicator of the corrosion-protective coating is required to have a minimum of three years of experience coating wastewater manholes. The City Inspector may request written verification of said experience at any time. The applicator shall have written verification from the manufacturer of the corrosion-protective coating system that is being applied that said applicator is an approved, certified applicator of the manufacturer's products. The City Inspector may request said written documentation at any time. Application shall be done in accordance with the City of Chandler's specifications on file.

Wastewater Manhole Corrosion-Protective Inserts:

1. Containment Solutions, Inc.
2. L.F. Manufacturing, Inc.

Inserts shall be stand-alone fiberglass-reinforced polyester in compliance with ASTM D-3753.

Wastewater Manhole Pesticide Coating System:

Insecta Insecticide Coating

Wastewater Force Main Pipe Materials:

PVC Pipe 4" – 12", 150 psi minimum working pressure, and conforming to AWWA C900. All pipe fittings shall be ductile iron pipe in accordance with MAG Specification Section 750.

PVC Pipe 14" – 24", 235 psi minimum working pressure, and conforming to AWWA C905. All pipe fittings shall be ductile iron pipe in accordance with MAG Specification Section 750.

PVC Pressure Pipe SDR-26 in accordance with ASTM D2241.

Storm Drain Pipe Materials:

1. Rubber Gasket Reinforced Concrete Pipe in accordance with MAG Specification Section 735.
2. ADS HP SaniTite polypropylene pipe.

Sanitary Sewer Pipe Materials:

1. PVC SDR 35 15" diameter and smaller in accordance with MAG Section 745 to depths of cover of less than 10'. Special inspection with engineered installation detail shall be required for depths greater than 10'. PVC pipe sized greater than 15" diameter is not allowed.
2. PVC SDR 26 15" diameter and smaller in accordance with MAG Section 745. Special engineered installation detail shall be required for depths greater than 10'. PVC pipe sized greater than 15" diameter is not allowed.
3. Extra Strength vitrified clay pipe.
4. ADS HP SaniTite polypropylene pipe.

Potable and Reclaimed Water Pipe Materials:

1. Ductile Iron Pipe, Pressure Class 350 conforming to MAG Section 750. Polyethylene encasement is required and shall conform to MAG Specification 610.6.
2. PVC Pipe 4" – 12", 150 psi minimum working pressure, and conforming to AWWA C900. PVC Pipe 14" – 24", 235 psi minimum working pressure, and conforming to AWWA C905. PVC may only be used outside of roadway areas. All pipe fittings shall be ductile iron pipe in accordance with MAG Specification Section 750.
3. Water pipe less than 4" in diameter shall be PVC schedule pipe in accordance with ASTM D1785 or D2241 with a minimum working pressure of 200 psi.

Water Valve Manufacturer's:

1. Clow
2. Mueller
3. Kennedy
4. American Flow Control

Joint-Restraining Materials:

APPROVED RESTRAINED JOINTS FOR PIPE:

1. TR Flex Gripper Ring and TR Flex joint as manufactured by US Pipe.
2. American Fast Grip and Flex-Ring joint as manufactured by American Cast Iron Pipe Company.
3. MEGALUG Ductile Iron Pipe Restraints as manufactured by EBAA Iron Inc.
4. Sigma DIP One Lok SLDE Series.
5. Tyler Union Tuf Grip Restraint.

APPROVED RESTRAINED JOINTS FOR FITTINGS:

1. Series 1100 megalug restraint produced by EBAA Iron, Inc.
2. Series 3000-30000S Stargrip by Star pipe Products.

Fire Hydrants:

1. Mueller Centurian.
2. Clow Medallion.
3. Waterous Pacer.
4. Kennedy Guardian.

Fire Hydrant Lock:

Hydrashield Custodian.

Water Meter Angle Ball Valves:

1. Ford BA23-342W.
2. Ford BA23-444W.
3. Ford BFAWR13.
4. Ford BFA13.

Backflow Prevention Assemblies:

Backflow prevention assemblies shall conform to the current list issued by the Foundation for Cross Connection Control and Hydraulic Research, University of California and/or the American Society of Safety Engineers and be UL listed or FM approved for fire protection use when used for fire protection systems.

Combination Air/Vacuum Assemblies:

1. Apco 145C.
2. A.R.I D-040.

Detectable Sidewalk Warning Devices:

Detectable warning shall be raised truncated domes manufactured by:

1. CASTinTACT Wet Set.
2. TekWay Dome Tiles with anchor system.
3. ADA Arcis Tactile.

Color shall be terracotta. Installation shall be in accordance with manufacturer's recommendations.

Striping Obliteration Surface Slurry Sealant:

Brewer Cote Resurfacer II