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Will Hutson
JM Eagle
5200 W Century Blvd
Los Angeles, CA 90045
Telephone: 800-621-4404

File Number: M-110038
Effective Date: 10/01/2024
Expiration Date: 10/01/2025

Manufacturer: JM Eagle

Models:

Item: Polyethylene Pipe

PE-4710 SDR 17, Sizes (in): 2, 3, 4, 6

PLEASE REFER TO THE APPLICATION NUMBER ON ALL CORRESPONDENCE, PHONE CALLS & SAMPLES

The item processed under the above file number has been tested, examined and found to comply with applicable Los Angeles Plumbing Code (LAPC) and/or Los Angeles Mechanical Code (LAMC) and is hereby approved unless revoked for cause.

This letter or the letterhead copy may not be reproduced for use in labeling or advertising, but copies of this letter may be used within your organization and shown as evidence of approval.

CONDITIONS OF APPROVAL:

See attached list of Conditions of Approval.

Each item shall have the name or trademark of manufacturer and model number where it will be visible for inspection.

In order to renew this approval, an application and reexamination fee must be submitted on or before the expiration date shown above. Arrangement shall be made to remove any test samples remaining in the Laboratory. Samples remaining after 21 days from the date of this notice will be shipped collect by the most convenient carrier or disposed of in accordance with applicable regulation.

Cristina Acevedo-Leija
Mechanical Testing Laboratory, Test Engineer

JM Eagle
M-110038
Polyethylene (PE) Pipe

Conditions of Approval

1. The product may be used in underground applications for building sewer per Chapter 7 of the Los Angeles Plumbing Code (LAPC), 2023 Edition.
2. The product shall be installed underground and outside the building footprint only. The pipe shall be installed in accordance with the manufacturer's instructions, this Research Report and the LAPC, 2023 Edition.
3. Trenchless installation of the pipe shall be performed as follows:

An accurate and complete video inspection shall be performed BEFORE and AFTER the installation in order to determine locations and depths of all "wye" connections, tees, and access holes. The video inspection must be witnessed by the Department's Plumbing Inspection.

Mark detail information revealed by the video inspection including:

 - a. The ground surface to show the location of the lateral tie of the city wye.
 - b. The line location with an arrow in the street pointing back at the lateral.
 - c. The property denoting the lateral location.
 - d. The locations of the proposed excavations.
4. The product shall not be used for residential or commercial rainwater, or subsurface piping systems.
5. Slope of drainage systems shall be in compliance with Section 94.718.0 of the LAPC, 2023 Edition.
6. Sizing of the system shall be in accordance with the manufacturer's recommendations and the LAPC, 2023 Edition.
7. HDPE joints shall be made using this method: Heat Fusion made in accordance with ASTM D2657 or ASTM D3261.
8. Plans shall be drawn and submitted for approval to Mechanical Plan Check Section for drainage systems discharging 217 or more drainage fixture units. A plumbing permit shall be obtained for each installation of the product.
9. Pipe shall be permanently identified as follows:
 - a. Manufacturer's name and/or trademark
 - b. Size
 - c. Classification, "PE-4710, SDR 17"
 - d. Applicable Standard

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RESEARCH REPORT: RR 5680
EFFECTIVE DATE: 10/01/2024
EXPIRATION DATE: 10/01/2025
Telephone: 800-621-4404

GENERAL APPROVAL – Renewal - High Density Polyethylene (HDPE) pipe PE4710 for potable water service and sanitary sewer manufactured by JM Eagle.

DETAILS

JM Eagle HDPE are high density polyethylene pipes for potable water and sewer systems. Blue stripes indicate potable water application. Potable water pipes comply with ASTM D3034 for pipe size ½ inch, AWWA C901 for pipe sizes ¾ inch through 3 inches and AWWA C906 for pipe sizes 4 inches through 63 inches. Green stripes indicate sanitary sewer applications and comply with ASTM F714. This product may be marked “JM Eagle” for identification purposes.

The approval is subject to the following conditions:

1. This product shall be installed underground and outside the building footprint only.
2. Pipes shall not be deformed or kinked. These products shall be installed in accordance with manufacturer’s instructions and the Los Angeles Plumbing Code (LAPC), 2023 Edition.
3. These pipes must be restrained and fastened to provide minimum hose deformation as recommended by the manufacturer and the LAPC, 2023 Edition.
4. This approval shall only apply to the provisions of the LAPC, 2023 Edition.
5. Plumbing permit(s) shall be required for each installation.
6. The maximum velocity in potable water systems shall not exceed 10 feet per second.

7. Pipe shall be identified with the continuous printed letters as follows: manufacturer's name and/or trademark, temperature and pressure ratings, nominal pipe size, batch number, and production date. Potable water pipe shall have "NSF-PW" mark.
8. The sizing of the potable water system shall be in accordance with the manufacturer's recommendations and Appendix A of the LAPC, 2023 Edition.
9. These products shall be installed in accordance with the manufacturer's recommendations using butt fusion, electro fusion, or mechanical couplings that are restrained.

DISCUSSION

The Mechanical Testing Laboratory reviewed recent test reports. These products have been tested to be in accordance with Standards AWWA C901, AWWA C906 and/or ASTM F714. The materials and construction are equivalent to that prescribed by the Los Angeles Municipal Code in quality, strength, effectiveness, durability and safety.

For this General Approval to be valid on any individual construction project in the City of Los Angeles, an engineer or inspector of the Department of Building and Safety must make a determination that all conditions of the General Approval required to provide equivalency have been met in the case of each construction project under consideration.

The approval is granted under Sections 94.103.0, 94.301.0, 94.314.0, 94.604.0, 94.701.0 and 94.715.0 of the Los Angeles Plumbing Code, 2023 Edition.

Approved by:



Cristina Acevedo-Leija
Mechanical Testing Laboratory
Permit and Engineering Bureau