

# IAPMO RESEARCH AND TESTING, INC.

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## CERTIFICATE OF LISTING

IAPMO Research and Testing, Inc. is a product certification body which tests and inspects samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

The most updated information on this Certificate of Listing is available online at [pld.iapmo.org](http://pld.iapmo.org)

Effective Date: March 2016

Void After: March 2017

Product: Cast Iron Soil Pipe and Fittings (Hubless)

File No. 9769

Issued To: Lino International Inc.  
Room 1013 Anda Business Bldg  
No. 32 Wuwu Road  
Zhongshan Dist. Liaoning  
Dalian 116001, LIAONING  
China

Identification: Each length of pipe and each fitting shall be plainly marked with the country of origin, the manufacturer's name or the manufacturer's registered trademark by which the manufacturer can be readily identified after installation and any appropriate collective mark (optional). The marking shall be adequate identification of the manufacturer of the pipe and fittings if it readily identifies the manufacturer to the end user of the product. Markings shall be cast on fittings.

Pipe markings: The pipe shall be marked continuously on the barrel with a minimum of 0.75 inch (19mm) lettering starting within 3 inches of each end of the pipe. Each pipe shall be marked with the date of manufacture. The marking shall be stenciled on the pipe or otherwise applied so as to be clear and legible.

Fitting markings: The marking shall be cast with raised letters that

  
Chairman, Product Certification Committee

  
CEO, The IAPMO Group



This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing.



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are not to be located within the "W" dimension. Cast markings shall be raised from the wall of the fitting unless otherwise noted.

Listed products shall bear the UPC® certification mark.

Characteristics: Hubless cast iron soil pipe and fittings for sanitary and storm drain, waste and vent piping application. To be used in gravity flow, non-pressure application. To be installed in accordance with the requirements of the latest edition of the Uniform Plumbing Code.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

Products are in compliance with the following code(s):

Uniform Plumbing Code (UPC®)

International Plumbing Code (IPC®)

Products are in compliance with the following standard(s):

CISPI 301-2012 (excluding Annex A1)



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### MODELS:

Pipe Sizes: 1-1/2", 2", 3", 4", 5", 6", 8", 10", 12", 15"  
Quarter Bend: 2", 3", 5", 6", 8"  
Quarter Bend w/ Heel Opening: 3"x2"  
Short Sweep: 2", 3", 4", 5", 6", 8"  
Long Sweep: 4", 5"  
Sixth Bend: 2", 3"  
Eighth Bend: 2", 3", 4", 5", 6", 8", 10"  
Sixteenth Bend: 3", 4"  
Sanitary Tee: 1.5", 2x1.5", 3x1.5", 3x2", 4"x3", 5", 5x3", 6"x2", 6"  
Sanitary Tee Branch: 2", 3", 4"x2", 4"  
Sanitary Tapped Tee: 2"x1-1/2", 2"x2", 3x2"  
Wye: 2", 3"x 2", 3", 4", 4"x2", 4"x3", 6", 6"x2", 6"x3", 6"x4", 8"x4", 8"x8"  
10"x4", 10"x6", 10"x8", 10"x10"  
Double Wye: 4", 4x2"  
Upright Wye: 2", 3", 4", 4"x2", 4"x3"  
Combination: 1/8-Y 2", 1/8-Y 5", 1/8-Y 6x3", 1/8-Y 6"  
Combination Wye and 1/8 Bend: 3"x2", 3", 4"x2", 4"x3", 4", 5"x4", 6"x2", 6"x4"  
8"x4", 8"x6"  
Test Tee: 2", 3", 4", 5", 6"  
Short Increaser-Reducer: 3"x2", 4"x3", 4"x2", 5"x2", 5"x3", 5"x4", 6"x2",  
6"x3", 6"x4", 6"x5", 8"x2", 8"x3", 8"x4", 8"x5",  
8"x6"  
Blind Plug: 2", 3", 4"  
Iron Body Cleanout-Tapped: 4"  
P-Trap: 2", 3", 4"  
P-Trap w/Primer: 2", 3"  
Two Way Cleanout: 4"x4"x4"  
Closet Bend: 3"x4"x6"x12", 3"x4"x6"x15", 4"x4"x6"x12", 4"x4"x6"x15"  
Running Trap w/Double Vents: 4", 5"  
1/4 Bend: 4"  
1/4 Bend w/Heel Opening: 4x2"  
Tapped 1/4 Bend: 2x1.5"  
Long Sweep: 2", 3"  
1/6 Bend: 4"  
1/8 Bend: 1.5"  
1/16 Bend: 1.5", 2", 5", 6"  
Double Comb: 2"  
San Cross: 4" (vent only), 4x2"  
Tapped Adapters: 2"  
Figure 5: 2", 3"