

IAPMO RESEARCH AND TESTING, INC.

5001 East Philadelphia Street, Ontario, California 91761-2816 • (909) 472-4100 Fax (909) 472-4244 • www.iapmo.org



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

Effective Date: August 2015 -Rev. 10/14/2015- Void After: August 2016

Product: Cast Iron Soil Pipe and Fittings (Hubless) File No. 4479

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. 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.

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


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.



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 2

-Rev. 10/14/2015-

Void After: August 2016

Product: Cast Iron Soil Pipe and Fittings (Hubless)

File No. 4479

Issued To: Lino International Inc.

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®)

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

ASTM A888-2013a (excluding Annex A1)



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 3

-Rev. 10/14/2015-

Void After: August 2016

Product: Cast Iron Soil Pipe and Fittings (Hubless)

File No. 4479

Issued To: Lino International Inc.

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"



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 4

-Rev. 10/14/2015-

Void After: August 2016

Product: Cast Iron Soil Pipe and Fittings (Hubless)

File No. 4479

Issued To: Lino International Inc.

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"



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 5

-Rev. 10/14/2015-

Void After: August 2016

Product: Cast Iron Soil Pipe and Fittings (Hubless)

File No. 4479

Issued To: Lino International Inc.

ADDITIONAL COMPANY INFO:

ALLURE PIPEWORKS DISTRIBUTORS, INC.

MODELS: 1.5", 2", 3", 4", 5", 6", 8", 10", 12" AND 15"

Code Description

APW0190	2"1/4 BEND
APW0192	3"1/4 BEND
APW0194	4"1/4 BEND
APW0196	5"1/4 BEND
APW0198	6"1/4 BEND
APW0200	8"1/4 BEND
APW0280	3X2" 1/4 BEND WITH HEEL OPENING
APW0282	4X2" 1/4 BEND WITH HEEL OPENING
APW0330	2X1-1/2" TAPPED 1/4 BEND
APW0462	2" SHORT SWEEP
APW0464	3" SHORT SWEEP
APW0468	4" SHORT SWEEP
APW0470	5" SHORT SWEEP
APW0472	6" SHORT SWEEP
APW0474	8" SHORT SWEEP
APW0494	2" LONG SWEEP
APW0496	3" LONG SWEEP
APW0498	4" LONG SWEEP
APW0500	5" LONG SWEEP
APW0570	2"1/6 BEND
APW0572	3"1/6 BEND
APW0574	4"1/6 BEND
APW0604	1-1/2"1/8 BEND
APW0606	2"1/8 BEND
APW0608	3"1/8 BEND
APW0610	4"1/8 BEND
APW0612	5"1/8 BEND
APW0614	6"1/8 BEND
APW0616	8"1/8 BEND
APW0617	10"1/8BEND
APW0676	1-1/2"1/16 BEND
APW0678	2"1/16 BEND
APW0680	3"1/16 BEND
APW0682	4"1/16 BEND
APW0684	5"1/16 BEND
APW0686	6"1/16 BEND
APW0806	1-1/2" SAN TEE
APW0808	2X1-1/2" SAN TEE
APW0810	2" SAN TEE



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 6

-Rev. 10/14/2015-

Void After: August 2016

Product: Cast Iron Soil Pipe and Fittings (Hubless)

File No. 4479

Issued To: Lino International Inc.

APW0812	3X1-1/2" SAN TEE
APW0814	3X2" SAN TEE
APW0816	3" SAN TEE
APW0818	4X2" SAN TEE
APW0820	4X3" SAN TEE
APW0822	4" SAN TEE
APW0826	5X3" SAN TEE
APW0830	5" SAN TEE
APW0832	6X2" SAN TEE
APW0836	6" SAN TEE
APW1214	2X11/2" SAN TAPPED TEE
APW1216	2" SAN TAPPED TEE
APW1222	3X2" SAN TAPPED TEE
APW1314	2X2" WYE
APW1316	3X2" WYE
APW1318	3X3" WYE
APW1320	4X2" WYE
APW1322	4X3" WYE
APW1324	4X4" WYE
APW1334	6X2" WYE
APW1336	6X3" WYE
APW1338	6X4" WYE
APW1342	6X6" WYE
APW1348	8X4" WYE
APW1354	8X8" WYE
APW1357	10X4" WYE
APW1359	10X6" WYE
APW1360	10X8" WYE
APW1361	10X10" WYE
APW1544	4X2" DOUBLE WYE
APW1548	4" DOUBLE WYE
APW1646	2" UPRIGHT WYE
APW1650	3" UPRIGHT WYE
APW1652	4X2" UPRIGHT WYE
APW1654	4X3" UPRIGHT WYE
APW1656	4" UPRIGHT WYE
APW1698	1/8-Y 2" COMB
APW1700	1/8-Y 3X2"COMB
APW1702	1/8-Y 3"COMB
APW1704	1/8-Y 4X2"COMB
APW1706	1/8-Y 4X3"COMB
APW1708	1/8-Y 4"COMB
APW1714	1/8-Y 5X4" COMB
APW1716	1/8-Y 5" COMB
APW1718	1/8-Y 6X2" COMB
APW1720	1/8-Y 6X3" COMB
APW1722	1/8-Y 6X4" COMB
APW1726	1/8-Y 6"COMB



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 7

-Rev. 10/14/2015-

Void After: August 2016

Product: Cast Iron Soil Pipe and Fittings (Hubless)

File No. 4479

Issued To: Lino International Inc.

APW1728	1/8-Y 8X4" COMB
APW1732	1/8-Y 8X6" COMB
APW1802	1/8-Y 2" DOUBLE COMB
APW1862	4" SAN CROSS
APW1958	4X2" SAN CROSS
APW2046	2-2 TEST TEE
APW2048	3-3 TEST TEE
APW2050	4-4 TEST TEE
APW2052	5-5 TEST TEE
APW2054	6-6 TEST TEE
APW2140	3X2" SHORT, INCREASER-REDUCER
APW2142	4X2" SHORT, INCREASER-REDUCER
APW2144	4X3" SHORT, INCREASER-REDUCER
APW2146	5X2" SHORT, INCREASER-REDUCER
APW2148	5X3" SHORT, INCREASER-REDUCER
APW2150	5X4" SHORT, INCREASER-REDUCER
APW2152	6X2" SHORT, INCREASER-REDUCER
APW2154	6X3" SHORT, INCREASER-REDUCER
APW2156	6X4" SHORT, INCREASER-REDUCER
APW2158	6X5" SHORT, INCREASER-REDUCER
APW2160	8X2" SHORT, INCREASER-REDUCER
APW2162	8X3" SHORT, INCREASER-REDUCER
APW2164	8X4" SHORT, INCREASER-REDUCER
APW2166	8X5" SHORT, INCREASER-REDUCER
APW2168	8X6" SHORT, INCREASER-REDUCER
APW2244	2" TAPPED ADAPTER
APW2482	2" BLIND PLUG
APW2484	3" BLIND PLUG
APW2486	4" BLIND PLUG
APW2508	2" P-TRAP
APW2510	3" P-TRAP
APW2512	4" P-TRAP
APW2832	3X4X6X12 CLOSET BEND
APW2840	3X4X6X15 CLOSET BEND
APW2904	4X4X6X12 CLOSET BEND
APW2906	4X4X6X15 CLOSET BEND
APW8446	4X4X4" TWO WAY CLEANOUT
APW8530	2" P-TRAP WITH PRIMER
APW8532	3" P-TRAP WITH PRIMER
APW8052	2" FIGURE 5
APW8056	3" FIGURE 5
APW8566	4"IRON BODY CLEANOUT-TAPPED
APW2524	4"RUNNING TRAP WITH DOUBLE VENT
	5"RUNNING TRAP WITH DOUBLE VENT

Blue Star Casting



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 8

-Rev. 10/14/2015-

Void After: August 2016

Product: Cast Iron Soil Pipe and Fittings (Hubless)

File No. 4479

Issued To: Lino International Inc.

<u>Code</u>	<u>Description</u>
BS0190	2"1/4 BEND
BS0192	3"1/4 BEND
BS0194	4"1/4 BEND
BS0196	5"1/4 BEND
BS0198	6"1/4 BEND
BS0200	8"1/4 BEND
BS0280	3X2" 1/4 BEND WITH HEEL OPENING
BS0282	4X2" 1/4 BEND WITH HEEL OPENING
BS0330	2X1-1/2" TAPPED 1/4 BEND
BS0462	2" SHORT SWEEP
BS0464	3" SHORT SWEEP
BS0468	4" SHORT SWEEP
BS0470	5" SHORT SWEEP
BS0472	6" SHORT SWEEP
BS0474	8" SHORT SWEEP
BS0494	2" LONG SWEEP
BS0496	3" LONG SWEEP
BS0498	4" LONG SWEEP
BS0500	5" LONG SWEEP
BS0570	2"1/6 BEND
BS0572	3"1/6 BEND
BS0574	4"1/6 BEND
BS0604	1-1/2"1/8 BEND
BS0606	2"1/8 BEND
BS0608	3"1/8 BEND
BS0610	4"1/8 BEND
BS0612	5"1/8 BEND
BS0614	6"1/8 BEND
BS0616	8"1/8 BEND
BS0617	10"1/8BEND
BS0676	1-1/2"1/16 BEND
BS0678	2"1/16 BEND
BS0680	3"1/16 BEND
BS0682	4"1/16 BEND
BS0684	5"1/16 BEND
BS0686	6"1/16 BEND
BS0806	1-1/2" SAN TEE
BS0808	2X1-1/2" SAN TEE
BS0810	2" SAN TEE
BS0812	3X1-1/2" SAN TEE
BS0814	3X2" SAN TEE
BS0816	3" SAN TEE
BS0818	4X2" SAN TEE
BS0820	4X3" SAN TEE
BS0822	4" SAN TEE
BS0826	5X3" SAN TEE



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 9

-Rev. 10/14/2015-

Void After: August 2016

Product: Cast Iron Soil Pipe and Fittings (Hubless)

File No. 4479

Issued To: Lino International Inc.

BS0830	5" SAN TEE
BS0832	6X2" SAN TEE
BS0836	6" SAN TEE
BS1214	2X1 1/2" SAN TAPPED TEE
BS1216	2" SAN TAPPED TEE
BS1222	3X2" SAN TAPPED TEE
BS1314	2X2" WYE
BS1316	3X2" WYE
BS1318	3X3" WYE
BS1320	4X2" WYE
BS1322	4X3" WYE
BS1324	4X4" WYE
BS1334	6X2" WYE
BS1336	6X3" WYE
BS1338	6X4" WYE
BS1342	6X6" WYE
BS1348	8X4" WYE
BS1354	8X8" WYE
BS1357	10X4" WYE
BS1359	10X6" WYE
BS1360	10X8" WYE
BS1361	10X10" WYE
BS1544	4X2" DOUBLE WYE
BS1548	4" DOUBLE WYE
BS1646	2" UPRIGHT WYE
BS1650	3" UPRIGHT WYE
BS1652	4X2" UPRIGHT WYE
BS1654	4X3" UPRIGHT WYE
BS1656	4" UPRIGHT WYE
BS1698	1/8-Y 2" COMB
BS1700	1/8-Y 3X2" COMB
BS1702	1/8-Y 3" COMB
BS1704	1/8-Y 4X2" COMB
BS1706	1/8-Y 4X3" COMB
BS1708	1/8-Y 4" COMB
BS1714	1/8-Y 5X4" COMB
BS1716	1/8-Y 5" COMB
BS1718	1/8-Y 6X2" COMB
BS1720	1/8-Y 6X3" COMB
BS1722	1/8-Y 6X4" COMB
BS1726	1/8-Y 6" COMB
BS1728	1/8-Y 8X4" COMB
BS1732	1/8-Y 8X6" COMB
BS1802	1/8-Y 2" DOUBLE COMB
BS1862	4" SAN CROSS
BS1958	4X2" SAN CROSS
BS2046	2-2 TEST TEE
BS2048	3-3 TEST TEE



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 10

-Rev. 10/14/2015-

Void After: August 2016

Product: Cast Iron Soil Pipe and Fittings (Hubless)

File No. 4479

Issued To: Lino International Inc.

BS2050	4-4 TEST TEE
BS2052	5-5 TEST TEE
BS2054	6-6 TEST TEE
BS2140	3X2" SHORT, INCREASER-REDUCER
BS2142	4X2" SHORT, INCREASER-REDUCER
BS2144	4X3" SHORT, INCREASER-REDUCER
BS2146	5X2" SHORT, INCREASER-REDUCER
BS2148	5X3" SHORT, INCREASER-REDUCER
BS2150	5X4" SHORT, INCREASER-REDUCER
BS2152	6X2" SHORT, INCREASER-REDUCER
BS2154	6X3" SHORT, INCREASER-REDUCER
BS2156	6X4" SHORT, INCREASER-REDUCER
BS2158	6X5" SHORT, INCREASER-REDUCER
BS2160	8X2" SHORT, INCREASER-REDUCER
BS2162	8X3" SHORT, INCREASER-REDUCER
BS2164	8X4" SHORT, INCREASER-REDUCER
BS2166	8X5" SHORT, INCREASER-REDUCER
BS2168	8X6" SHORT, INCREASER-REDUCER
BS2244	2" TAPPED ADAPTER
BS2482	2" BLIND PLUG
BS2484	3" BLIND PLUG
BS2486	4" BLIND PLUG
BS2508	2" P-TRAP
BS2510	3" P-TRAP
BS2512	4" P-TRAP
BS2832	3X4X6X12 CLOSET BEND
BS2840	3X4X6X15 CLOSET BEND
BS2904	4X4X6X12 CLOSET BEND
BS2906	4X4X6X15 CLOSET BEND
BS8446	4X4X4" TWO WAY CLEANOUT
BS8530	2" P-TRAP WITH PRIMER
BS8532	3" P-TRAP WITH PRIMER
BS8052	2" FIGURE 5
BS8056	3" FIGURE 5
BS8566	4"IRON BODY CLEANOUT-TAPPED
BS2524	4"RUNNING TRAP WITH DOUBLE VENT
	5"RUNNING TRAP WITH DOUBLE VENT

Hubless Cast Iron Soil Pipe

1.5", 2", 3", 4", 5", 6", 8", 10", 12" 15"

Copperfit Industries Inc.

<u>Code</u>	<u>Description</u>
CII0190	2"1/4 BEND
CII0192	3"1/4 BEND
CII0194	4"1/4 BEND



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 11

-Rev. 10/14/2015-

Void After: August 2016

Product: Cast Iron Soil Pipe and Fittings (Hubless)

File No. 4479

Issued To: Lino International Inc.

CII0196	5"1/4 BEND
CII0198	6"1/4 BEND
CII0200	8"1/4 BEND
CII0280	3X2" 1/4 BEND WITH HEEL OPENING
CII0282	4X2" 1/4 BEND WITH HEEL OPENING
CII0330	2X1-1/2" TAPPED 1/4 BEND
CII0462	2" SHORT SWEEP
CII0464	3" SHORT SWEEP
CII0468	4" SHORT SWEEP
CII0470	5" SHORT SWEEP
CII0472	6" SHORT SWEEP
CII0474	8" SHORT SWEEP
CII0494	2" LONG SWEEP
CII0496	3" LONG SWEEP
CII0498	4" LONG SWEEP
CII0500	5" LONG SWEEP
CII0570	2"1/6 BEND
CII0572	3"1/6 BEND
CII0574	4"1/6 BEND
CII0604	1-1/2"1/8 BEND
CII0606	2"1/8 BEND
CII0608	3"1/8 BEND
CII0610	4"1/8 BEND
CII0612	5"1/8 BEND
CII0614	6"1/8 BEND
CII0616	8"1/8 BEND
CII0617	10"1/8BEND
CII0676	1-1/2"1/16 BEND
CII0678	2"1/16 BEND
CII0680	3"1/16 BEND
CII0682	4"1/16 BEND
CII0684	5"1/16 BEND
CII0686	6"1/16 BEND
CII0806	1-1/2" SAN TEE
CII0808	2X1-1/2" SAN TEE
CII0810	2" SAN TEE
CII0812	3X1-1/2" SAN TEE
CII0814	3X2" SAN TEE
CII0816	3" SAN TEE
CII0818	4X2" SAN TEE
CII0820	4X3" SAN TEE
CII0822	4" SAN TEE
CII0826	5X3" SAN TEE
CII0830	5" SAN TEE
CII0832	6X2" SAN TEE
CII0836	6" SAN TEE
CII1214	2X11/2" SAN TAPPED TEE
CII1216	2" SAN TAPPED TEE



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 12

-Rev. 10/14/2015-

Void After: August 2016

Product: Cast Iron Soil Pipe and Fittings (Hubless)

File No. 4479

Issued To: Lino International Inc.

CII1222	3X2" SAN TAPPED TEE
CII1314	2X2" WYE
CII1316	3X2" WYE
CII1318	3X3" WYE
CII1320	4X2" WYE
CII1322	4X3" WYE
CII1324	4X4" WYE
CII1334	6X2" WYE
CII1336	6X3" WYE
CII1338	6X4" WYE
CII1342	6X6" WYE
CII1348	8X4" WYE
CII1354	8X8" WYE
CII1357	10X4" WYE
CII1359	10X6" WYE
CII1360	10X8" WYE
CII1361	10X10" WYE
CII1544	4X2" DOUBLE WYE
CII1548	4" DOUBLE WYE
CII1646	2" UPRIGHT WYE
CII1650	3" UPRIGHT WYE
CII1652	4X2" UPRIGHT WYE
CII1654	4X3" UPRIGHT WYE
CII1656	4" UPRIGHT WYE
CII1698	1/8-Y 2" COMB
CII1700	1/8-Y 3X2"COMB
CII1702	1/8-Y 3"COMB
CII1704	1/8-Y 4X2"COMB
CII1706	1/8-Y 4X3"COMB
CII1708	1/8-Y 4"COMB
CII1714	1/8-Y 5X4" COMB
CII1716	1/8-Y 5" COMB
CII1718	1/8-Y 6X2" COMB
CII1720	1/8-Y 6X3" COMB
CII1722	1/8-Y 6X4" COMB
CII1726	1/8-Y 6"COMB
CII1728	1/8-Y 8X4" COMB
CII1732	1/8-Y 8X6" COMB
CII1802	1/8-Y 2" DOUBLE COMB
CII1862	4" SAN CROSS
CII1958	4X2" SAN CROSS
CII2046	2-2 TEST TEE
CII2048	3-3 TEST TEE
CII2050	4-4 TEST TEE
CII2052	5-5 TEST TEE
CII2054	6-6 TEST TEE
CII2140	3X2" SHORT, INCREASER-REDUCER
CII2142	4X2" SHORT, INCREASER-REDUCER



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 13

-Rev. 10/14/2015-

Void After: August 2016

Product: Cast Iron Soil Pipe and Fittings (Hubless)

File No. 4479

Issued To: Lino International Inc.

CII2144	4X3" SHORT, INCREASER-REDUCER
CII2146	5X2" SHORT, INCREASER-REDUCER
CII2148	5X3" SHORT, INCREASER-REDUCER
CII2150	5X4" SHORT, INCREASER-REDUCER
CII2152	6X2" SHORT, INCREASER-REDUCER
CII2154	6X3" SHORT, INCREASER-REDUCER
CII2156	6X4" SHORT, INCREASER-REDUCER
CII2158	6X5" SHORT, INCREASER-REDUCER
CII2160	8X2" SHORT, INCREASER-REDUCER
CII2162	8X3" SHORT, INCREASER-REDUCER
CII2164	8X4" SHORT, INCREASER-REDUCER
CII2166	8X5" SHORT, INCREASER-REDUCER
CII2168	8X6" SHORT, INCREASER-REDUCER
CII2244	2" TAPPED ADAPTER
CII2482	2" BLIND PLUG
CII2484	3" BLIND PLUG
CII2486	4" BLIND PLUG
CII2508	2" P-TRAP
CII2510	3" P-TRAP
CII2512	4" P-TRAP
CII2832	3X4X6X12 CLOSET BEND
CII2840	3X4X6X15 CLOSET BEND
CII2904	4X4X6X12 CLOSET BEND
CII2906	4X4X6X15 CLOSET BEND
CII8446	4X4X4" TWO WAY CLEANOUT
CII8530	2" P-TRAP WITH PRIMER
CII8532	3" P-TRAP WITH PRIMER
CII8052	2" FIGURE 5
CII8056	3" FIGURE 5
CII8566	4" IRON BODY CLEANOUT-TAPPED
CII2524	4" RUNNING TRAP WITH DOUBLE VENT

Hubless Cast Iron Soil Pipe
1.5", 2", 3", 4", 5", 6", 8", 10", 12", 15"

New Pacific Materials LLC

Pipe Sizes: 1-1/2", 2", 3", 4", 5", 6", 8", 10", 12", 15"

Quarter Bend: 2", 3", 5", 6", 8"

Short Sweep: 2", 3", 4", 5", 6"

Long Sweep: 2", 3", 4", 5"

Sixth Bend: 2", 3"

Eighth Bend: 2", 3", 4", 5", 6", 8", 10"

Sixteenth Bend: 3", 4"

Sanitary Tee: 1.5", 2", 2x1.5", 3", 3x1.5", 3"x2", 4"x2", 4"x3", 4"x4", 5", 5x3", 6"x2", 6"

Sanitary Tap Tee: 2x1-1/2", 2"

Wye: 2", 3"x2", 3"x3", 4"x2", 4"x3", 4"x4", 6"x3", 6"x4", 6", 8"x4", 8"x8"



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 14

-Rev. 10/14/2015-

Void After: August 2016

Product: Cast Iron Soil Pipe and Fittings (Hubless)

File No. 4479

Issued To: Lino International Inc.

Double Wye: 4", 4x2"

Upright Wye: 2"

Combination: 1/8-Y 2", 1/8-Y 3"x2", 1/8-Y 3", 1/8-Y 4"x2", 1/8-Y 4"x3", 1/8-Y 4", 1/8-Y 5", 1/8-Y 6"x3", 1/8-Y 6", 1/8-Y 6"x4"

Test Tee: 2", 3", 4", 6"

Short Increaser-Reducer: 3"x2", 4"x2", 5"x4", 6"x3", 6"x4", 6"x5"

Reducer: 4"x3"

Blind Plug: 2", 3", 4"

P-Trap: 2", 3", 4"

P-Trap w/Primer: 2", 3"

Closed Bend: 3x4x6x12, 4x4x6x12

Two Way Cleanout: 4x4x4

Iron Body Cleanout-Tapped: 4"

Running Trap with Double Vent: 4", 5"

1/4 Bend: 4"

1/4 Bend w/Heel Opening: 4x2"

Tapped 1/4 Bend: 2x1.5"

1/6 Bend: 4"

1/8 Bend: 1.5"

1/16 Bend: 1.5", 2", 5", 6"

Tapped San Tee: 3x2"

Double Comb: 2"

San Cross: 4" (vent only), 4x2"

TOTAL 2000 Corporation

Tiger [™]

0168 1-1/2" CAST IRON PIPE

0170 2" CAST IRON PIPE

0172 3" CAST IRON PIPE

0174 4" CAST IRON PIPE

0176 5" CAST IRON PIPE

0178 6" CAST IRON PIPE

0180 8" CAST IRON PIPE

0182 10" CAST IRON PIPE

0184 12" CAST IRON PIPE

0186 15" CAST IRON PIPE

0190 2" 1/4 BEND

0192 3" 1/4 BEND

0194 4" 1/4 BEND

0196 5" 1/4 BEND

0198 6" 1/4 BEND

0200 8" 1/4 BEND

0280 3X2" 1/4 BAND WITH HEEL OPENING

0282 4X2" 1/4 BEND WITH HEEL OPENING

0330 2X1-1/2" TAPPED 1/4 BEND



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 15

-Rev. 10/14/2015-

Void After: August 2016

Product: Cast Iron Soil Pipe and Fittings (Hubless)

File No. 4479

Issued To: Lino International Inc.

0462 2" SHORT SWEEP
0464 3" SHORT SWEEP
0468 4" SHORT SWEEP
0470 5" SHORT SWEEP
0472 6" SHORT SWEEP
0474 8" SHORT SWEEP
0494 2" LONG SWEEP
0496 3" LONG SWEEP
0498 4" LONG SWEEP
0500 5" LONG SWEEP
0570 2" 1/6 BEND
0572 3" 1/6 BEND
0574 4" 1/6 BEND
0604 1-1/2" 1/8 BEND
0606 2" 1/8 BEND
0608 3" 1/8 BEND
0610 4" 1/8 BEND
0612 5" 1/8 BEND
0614 6" 1/8 BEND
0616 8" 1/8 BEND
0617 10" 1/8 BEND
0676 1-1/2" 1/16 BEND
0678 2" 1/16 BEND
0680 3" 1/16 BEND
0682 4" 1/16 BEND
0684 5" 1/16 BEND
0686 6" 1/16 BEND
0806 1-1/2" SAN TEE
0808 2X1-1/2" SAN TEE
0810 2" SAN TEE
0812 3X1-1/2" SAN TEE
0814 3X2 SAN TEE
0816 3" SAN TEE
0818 4X2" SAN TEE
0820 4X3" SAN TEE
0822 4" SAN TEE
0826 5X3" SAN TEE
0830 5" SAN TEE
0832 6X2" SAN TEE
0836 6" SAN TEE
1214 2X1-1/2" SAN TAPPED TEE
1216 2" SAN TAPPED TEE
1222 3X2 SAN TAPPED TEE
1314 2X2" WYE
1316 3X2" WYE
1318 3X3" WYE
1320 4X2" WYE
1322 4X3" WYE



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 16

-Rev. 10/14/2015-

Void After: August 2016

Product: Cast Iron Soil Pipe and Fittings (Hubless)

File No. 4479

Issued To: Lino International Inc.

1324 4X4" WYE
1334 6X2" WYE
1336 6X3" WYE
1338 6X4" WYE
1342 6X6" WYE
1348 8X4" WYE
1354 8X8" WYE
1357 10X4" WYE
1359 10X6" WYE
1360 10X8" WYE
1361 10X10" WYE
1544 4X2" DOUBLE WYE
1548 4" DOUBLE WYE
1646 2" UPRIGHT WYE
1650 3" UPRIGHT WYE
1652 4X2" UPRIGHT WYE
1654 4X3" UPRIGHT WYE
1656 4" UPRIGHT WYE
1698 1/8-Y 2" COMB
1700 1/8-Y 3X2" COMB
1702 1/8-Y 3" COMB
1704 1/8-Y 4X2" COMB
1706 1/8-Y 4X3" COMB
1708 1/8-Y 4" COMB
1714 1/8-Y 5X4" COMB
1716 1/8-Y 5" COMB
1718 1/8-Y 6X2" COMB
1720 1/8-Y 6X3" COMB
1722 1/8-Y 6X4" COMB
1726 1/8-Y 6" COMB
1728 1/8-Y 8X4" COMB
1732 1/8-Y 8X6" COMB
1802 1/8-Y 2" DOUBLE COMB
1862 4" SAN CROSS
1958 4X2" SAN CROSS
2046 2-2 TEST TEE
2048 3-3 TEST TEE
2050 4-4 TEST TEE
2052 5-5 TEST TEE
2054 6-6 TEST TEE
2140 3X2" SHORT, INCREASER-REDUCER
2142 4X2" SHORT, INCREASER-REDUCER
2144 4X3" SHORT, INCREASER-REDUCER
2146 5X2" SHORT, INCREASER-REDUCER
2148 5X3" SHORT, INCREASER-REDUCER
2150 5X4" SHORT, INCREASER-REDUCER
2152 6X2" SHORT, INCREASER-REDUCER
2154 6X3" SHORT, INCREASER-REDUCER



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 17

-Rev. 10/14/2015-

Void After: August 2016

Product: Cast Iron Soil Pipe and Fittings (Hubless)

File No. 4479

Issued To: Lino International Inc.

2154 6X4" SHORT, INCREASER-REDUCER
2158 6X5" SHORT, INCREASER-REDUCER
2160 8X2" SHORT, INCREASER-REDUCER
2162 8X3" SHORT, INCREASER-REDUCER
2164 8X4" SHORT, INCREASER-REDUCER
2166 8X5" SHORT, INCREASER-REDUCER
2168 8X6" SHORT, INCREASER-REDUCER
2244 2" TAPPED ADAPTER
2482 2" BLIND PLUG
2484 3" BLIND PLUG
2486 4" BLIND PLUG
2508 2" P-TRAP
2510 3" P-TRAP
2512 4" P-TRAP
2832 3X4X6X12 CLOSET BEND
2840 3X4X6X15 CLOSET BEND
2904 4X4X6X12 CLOSET BEND
2906 4X4X6X15 CLOSET BEND
8446 4X4X4" TWO WAY CLEANOUT
8530 2" P-TRAP WITH PRIMER
8532 3" P-TRAP WITH PRIMER
8052 2" FIGURE 5
8056 3" FIGURE 5
8566 4" IRON BODY CLEANOUT-TAPPED
2524 4" RUNNING TRAP WITH DOUBLE VENT
5" RUNNING TRAP WITH DOUBLE VENT