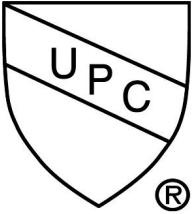


# IAPMO RESEARCH AND TESTING, INC.

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.

Effective Date: January 2010 Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized Steel Pipe and fittings for Wastewater Systems File No. 6197

Issued To: Loro- Josam Company  
2501 S. Front St.  
Philadelphia, PA 19148

IDENTIFICATION: Pipe and fittings shall be permanently marked with the manufacturer's name or trademark, nominal size, "For Waste", and the manufacturing date spaced at intervals not more than three feet (1 meter). The product shall also bear the UPC® certification mark.

CHARACTERISTICS: Longitudinally welded hot-dip galvanized steel pipe and fittings for wastewater systems.

To be installed in accordance with the manufacturer's instructions and the requirements of the latest edition of the Uniform Plumbing Code®.

Products comply with the applicable sections of the latest edition of the Uniform Plumbing Code®. Manufactured in compliance with IGC 270-2008.

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

  
Chairman, Product Certification Committee

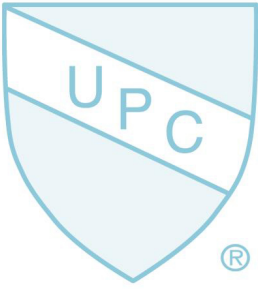
  
Senior Director of R&T

For the most accurate and updated information please visit <http://pld.iapmo.org/6197>

This listing is for the period indicated herein and is void after the 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. Reproduction 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.



DOC#081A



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

Page 2

Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

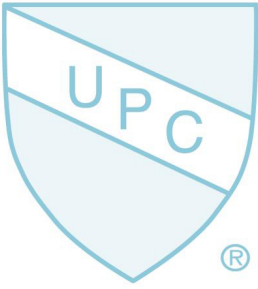
Issued To: Loro- Josam Company

17025.

### MODELS:

#### Pipe Systems

<u>Model No.</u>	<u>Description</u>
00100.040X	1-1/2"x9.8' PIPE w/2-SOCKETS
00100.050X	2"x9.8' PIPE w/2-SOCKETS
00100.070X	2-1/2"x9.8' PIPE w/2-SOCKETS
00100.080X	3"x9.8' PIPE w/2-SOCKETS
00100.100X	4"x9.8' PIPE w/2-SOCKETS
00101.040X	1-1/2"x8.2' Vent Pipe M.A.GEW
00101.050X	2"x8.2' Vent PipeM.A.GEW
00102.040X	1-1/2"x8.2' Vent Pipe
00102.050X	2"x8.2' Vent Pipe
00110.040X	1-1/2"x6.6' PIPE w/2-SOCKETS
00110.050X	2"x6.6' PIPE w/2-SOCKETS
00110.070X	2-1/2"x6.6' PIPE w/2-SOCKETS
00110.080X	3"x6.6' PIPE w/2-SOCKETS
00110.100X	4"x6.6' PIPE w/2-SOCKETS
00120.040X	1-1/2"x3.3' PIPE w/2-SOCKETS
00120.050X	2"x3.3' PIPE w/2-SOCKETS
00120.070X	2-1/2"x3.3' PIPE w/2-SOCKETS
00120.080X	3"x3.3' PIPE w/2-SOCKETS
00120.100X	4"x3.3' PIPE w/2-SOCKETS
00121.040X	1-1/2"x2.5' PIPE w/2-SOCKETS
00121.050X	2"x2.5' PIPE w/2-SOCKETS
00121.070X	2-1/2"x2.5' PIPE w/2-SOCKETS
00121.080X	3"x2.5' PIPE w/2-SOCKETS
00121.100X	4"x2.5' PIPE w/2-SOCKETS
00130.040X	1-1/2"x1.6' PIPE w/2-SOCKETS
00130.050X	2"x1.6' PIPE w/2-SOCKETS
00130.070X	2-1/2"x1.6' PIPE w/2-SOCKETS
00130.100X	4"x1.6' PIPE w/2-SOCKETS
00140.040X	1-1/2"x0.8' PIPE w/2-SOCKETS
00140.050X	2"x0.8' PIPE w/2-SOCKETS



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

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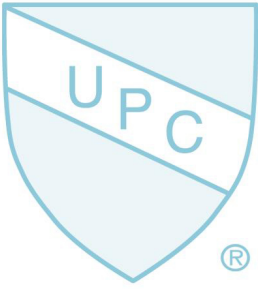
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

00140.070X	2-1/2"x0.8' PIPE w/2-SOCKETS
01001.040X	1-1/2"x9.8' PIPE w/1-SOCKET
01001.050X	2"x9.8' PIPE w/1-SOCKET
01001.070N	2-1/2"x9.8' CU PIPE w/1-SOCKET
01001.070X	2-1/2"x9.8' PIPE w/1-SOCKET
01001.080N	3"x9.8' CU PIPE w/1-SOCKET
01001.080X	3"x9.8' PIPE w/1-SOCKET
01001.100N	4"x9.8' CU PIPEw/1-SOCKET
01001.100X	4"x9.8' PIPE w/1-SOCKET
01001.125X	5"x9.8' PIPE w/1-SOCKET
01001.150X	6"x9.8' PIPE w/1-SOCKET
01001.200X	8"x9.8' PIPE w/1-SOCKET
01002.050X	2"x8.2' PIPE w/Ext-SOCKET
01002.070X	2-1/2"x8.2' PIPE w/Ext-SOCKET
01002.100X	4"x8.2' PIPE w/Ext-SOCKET
01003.050X	2"x9' PIPE w/Ext-SOCKET
01003.070X	2-1/2"x9' PIPE w/Ext-SOCKET
01003.100X	4"x9' PIPE w/Ext-SOCKET
01004.040X	1-1/2"x8.2' PIPE w/1-SOCKET
01004.050X	2"x8.2' PIPE w/1-SOCKET
01004.070X	2-1/2"x8.2' PIPE w/1-SOCKET
01004.080X	3"x8.2' PIPE w/1-SOCKET
01004.100X	4"x8.2' PIPE w/1-SOCKET
01004.125X	5"x8.2' PIPE w/1-SOCKET
01004.150X	6"x8.2' PIPE w/1-SOCKET
01004.200X	8"x8.2' PIPE w/1-SOCKET
01005.040X	1-1/2"x9' PIPE w/1-SOCKET
01005.050X	2"x9' PIPE w/1-SOCKET
01005.070X	2-1/2"x9' PIPE w/1-SOCKET
01005.080X	3"x9' PIPE w/1-SOCKET
01005.100X	4"x9' PIPE w/1-SOCKET
01005.125X	5"x9' PIPE w/1-SOCKET
01011.050X	2"x13.1' PIPE w/1-SOCKET
01011.070X	2-1/2"x13.1' PIPE w/1-SOCKET
01011.080X	3"x13.1' PIPE w/1-SOCKET



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

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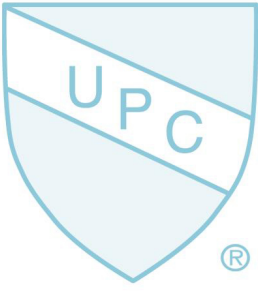
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

01011.100X	4"x13.1' PIPE w/1-SOCKET
01011.125X	5"x13.1' PIPE w/1-SOCKET
01011.150X	6"x13.1' PIPE w/1-SOCKET
01011.200X	8"x13.1' PIPE w/1-SOCKET
01013.070X	2-1/2"x16.4' PIPE w/1-SOCKET
01013.080X	3"x16.4' PIPE w/1-SOCKET
01013.100X	4"x16.4' PIPE w/1-SOCKET
01013.125X	5"x16.4' PIPE w/1-SOCKET
01013.150X	6"x16.4' PIPE w/1-SOCKET
01014.070X	2-1/2"x16.4' PIPE w/1-SOCKET
01014.080X	3"x16.4' PIPE w/1-SOCKET
01014.100X	4"x16.4' PIPE w/1-SOCKET
01014.125X	5"x16.4' PIPE w/1-SOCKET
01014.150X	6"x16.4' PIPE w/1-SOCKET
01050.250X	10"x9.8' PIPE w/o SOCKET
01050.300X	12"x9.8' PIPE w/o SOCKET
01051.250X	10"x3.3' PIPE w/o SOCKET
01051.300X	12"x3.3' PIPE w/o SOCKET
01101.032X	1-1/4"x6.6' PIPE w/1-SOCKET
01101.040X	1-1/2"x6.6' PIPE w/1-SOCKET
01101.050X	2"x6.6' PIPE w/1-SOCKET
01101.070N	2-1/2"x6.6' CU PIPE w/1-SOCKET
01101.070X	2-1/2"x6.6' PIPE w/1-SOCKET
01101.080N	3"x6.6' CU PIPE w/1-SOCKET
01101.080X	3"x6.6' PIPE w/1-SOCKET
01101.100N	4"x6.6' CU PIPEw/1-SOCKET
01101.1000	4"x6.6' PIPE1-SK No Coating
01101.100X	4"x6.6' PIPE w/1-SOCKET
01101.125X	5"x6.6' PIPE w/1-SOCKET
01101.150X	6"x6.6' PIPE w/1-SOCKET
01101.200X	8"x6.6' PIPE w/1-SOCKET
01102.070X	2-1/2"x4.9' PIPE w/RED END
01102.080X	3"x4.9' PIPE w/RED END
01102.100X	4"x4.9' PIPE wRED END
01103.070X	2-1/2"x6.6' PIPE w/RED END



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## CERTIFICATE OF LISTING

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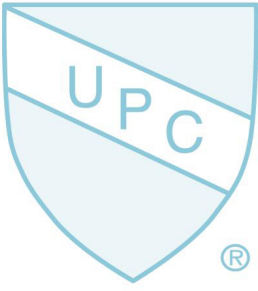
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

01103.080X	3"x6.6' PIPE w/RED END
01103.100X	4"x6.6' PIPE w/RED END
01104.070X	2-1/2"x9.8' PIPE w/RED END
01104.080X	3"x9.8' PIPE w/RED END
01104.100X	4"x9.8' PIPE w/RED END
01108.050X	2"x6.6' PIPE w/LONG SOCKET
01111.032X	1-1/4"x4.9' PIPE w/1- SOCKET
01111.040X	1-1/2"x4.9' PIPE w/1- SOCKET
01111.050X	2"x4.9' PIPE w/1- SOCKET
01111.070N	2-1/2"x4.9' CU PIPE w/1- SKT
01111.070X	2-1/2"x4.9' PIPE w/1- SOCKET
01111.080N	3"x4.9' CU PIPE w/1- SOCKET
01111.080X	3"x4.9' PIPE w/1- SOCKET
01111.100N	4"x4.9' CU PIPE w/1- SOCKET
01111.100X	4"x4.9' PIPE w/1- SOCKET
01111.125X	5"x4.9' PIPE w/1- SOCKET
01111.150X	6"x4.9' PIPE w/1- SOCKET
01111.200X	8"x4.9' PIPE w/1- SOCKET
01121.070X	2-1/2"x1.6' PIPE w/RED END
01121.080X	3"x1.6' PIPE w/RED END
01121.100X	4"x1.6' PIPE w/RED END
01201.032X	1-1/4"x3.3' PIPE w/1-SOCKET
01201.040X	1-1/2"x3.3' PIPE w/1-SOCKET
01201.050X	2"x3.3' PIPE w/1-SOCKET
01201.070N	2-1/2"x3.3' CU PIPE w/1-SOCKET
01201.070X	2-1/2"x3.3' PIPE w/1-SOCKET
01201.080N	3"x3.3' CU PIPE w/1-SOCKET
01201.080X	3"x3.3' PIPE w/1-SOCKET
01201.100N	4"x3.3' CU PIPE w/1-SOCKET
01201.1000	4"x3.3' PIPE w/1-SKT No Coat
01201.100X	4"x3.3' PIPE w/1-SOCKET
01201.125X	5"x3.3' PIPE w/1-SOCKET
01201.150X	6"x3.3' PIPE w/1-SOCKET
01201.200X	8"x3.3' PIPE w/1-SOCKET
01202.070X	2-1/2"x3.3' PIPE w/RED END



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

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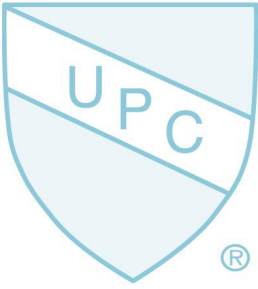
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

01202.080X	3"x3.3' PIPE w/RED END
01202.100X	4"x3.3' PIPE w/RED END
01203.050X	2"x3.3' PIPE w/LONG SOCKET
01211.040X	1-1/2"x2.5' PIPE w/1-SOCKET
01211.050X	2"x2.5' PIPE w/1-SOCKET
01211.070X	2-1/2"x2.5' PIPE w/1-SOCKET
01211.080X	3"x2.5' PIPE w/1-SOCKET
01211.100X	4"x2.5' PIPE w/1-SOCKET
01211.125X	5"x2.5' PIPE w/1-SOCKET
01211.150X	6"x2.5' PIPE w/1-SOCKET
01211.200X	8"x2.5' PIPE w/1-SOCKET
01301.032X	1-1/4"x1.6' PIPE w/1-SOCKET
01301.040X	1-1/2"x1.6' PIPE w/1-SOCKET
01301.050X	2"x1.6' PIPE w/1-SOCKET
01301.070N	2-1/2"x1.6' CU PIPE w/1-SOCKET
01301.070X	2-1/2"x1.6' PIPE w/1-SOCKET
01301.080N	3"x1.6' CU PIPE w/1-SOCKET
01301.080X	3"x1.6' PIPE w/1-SOCKET
01301.100N	4"x1.6' CU PIPE w/1-SOCKET
01301.100X	4"x1.6' PIPE w/1-SOCKET
01301.125X	5"x1.6' PIPE w/1-SOCKET
01301.150X	6"x1.6' PIPE w/1-SOCKET
01301.200X	8"x1.6' PIPE w/1-SOCKET
01401.032X	1-1/4"x0.8' PIPE w/1-SOCKET
01401.040X	1-1/2"x0.8' PIPE w/1-SOCKET
01401.050X	2"x0.8' PIPE w/1-SOCKET
01401.070N	2-1/2"x0.8' CU PIPE w/1-SOCKET
01401.070X	2-1/2"x0.8' PIPE w/1-SOCKET
01401.080N	3"x0.8' CU PIPE w/1-SOCKET
01401.080X	3"x0.8' PIPE w/1-SOCKET
01401.100N	4"x0.8' CU PIPE w/1-SOCKET
01401.100X	4"x0.8' PIPE w/1-SOCKET
01401.125X	5"x0.8' PIPE w/1-SOCKET
01401.150X	6"x0.8' PIPE w/1-SOCKET
01401.200X	8"x0.8' PIPE w/1-SOCKET



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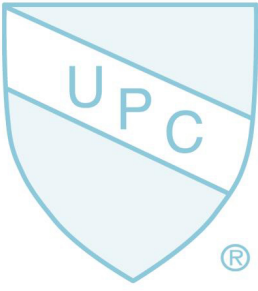
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

04374.070X	2-1/2" DOWNPIPE TRAP wCLEANOUT
04374.100X	2-1/2" DOWNPIPE TRAP wCLEANOUT
00556.250X	10" CLEANOUT ACCESS PIPE
00556.300X	12" CLEANOUT ACCESS PIPE
00550.040X	1-1/2"CLEANOUT RND ACCESS PIPE
00550.050X	2" CLEANOUT RND ACCESS PIPE
00550.070X	2-1/2"CLEANOUT RND ACCESS PIPE
00550.080X	3" CLEANOUT RND ACCESS PIPE
00550.100X	4" CLEANOUT RND ACCESS PIPE
00550.125X	5" CLEANOUT RND ACCESS PIPE
00550.150X	6" CLEANOUT RND ACCESS PIPE
00550.200X	8" CLEANOUT RND ACCESS PIPE
00553.100X	4" CLEANOUT REC ACCESS PIPE
00553.125X	5" CLEANOUT REC ACCESS PIPE
00553.150X	6" CLEANOUT REC ACCESS PIPE
00553.200X	8" CLEANOUT REC ACCESS PIPE
82650.070X	2-1/2"x0.8' DOWN PIPE SUPPORT
82650.080X	3"x0.8' DOWN PIPE SUPPORT
82650.100X	4"x0.8' DOWN PIPE SUPPORT
82650.125X	5"x0.8' DOWN PIPE SUPPORT
82650.150X	6"x0.8' DOWN PIPE SUPPORT
82650.200X	8"x0.8' DOWN PIPE SUPPORT
08266.250X	10"x1' DOWN PIPE SUPPORT
08266.300X	12"x1' DOWN PIPE SUPPORT
00390.050X	2" OFFSET PIPE 5.12"
00390.070X	2-1/2" OFFSET PIPE 5.12"
00390.080X	3" OFFSET PIPE 5.12"
00390.100X	4" OFFSET PIPE 5.12"
00380.050X	2" OFFSET PIPE 7.87"
00380.070X	2-1/2" OFFSET PIPE 5.12"
00380.080X	3" OFFSET PIPE 5.12"
00380.100X	4" OFFSET PIPE 5.12"
00380.125X	5" OFFSET PIPE 5.12"
00400.050X	2" OFFSET PIPE 2.95"
00400.070X	2-1/2" OFFSET PIPE 2.95"



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

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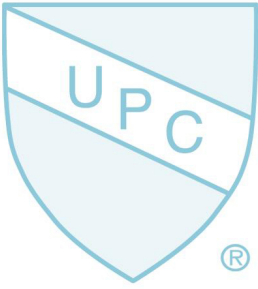
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

00400.080X	3" OFFSET PIPE 2.95"
00400.100X	4" OFFSET PIPE 2.95"
00400.125X	5" OFFSET PIPE 2.95"
05525.100X	4"x4.9' Standpipe less CO
05525.125X	5"x4.9' Standpipe less CO
05526.070N	2-1/2"x3.3' CU Standpipe no CO
05526.080N	3"x3.3' CU Standpipe no CO
05526.080X	3"x3.3' Standpipe less CO
05526.100N	4"x3.3' CU Standpipe no CO
05526.100X	4"x3.3' Standpipe less CO
05526.125N	5"x3.3' CU Standpipe no CO
05526.125X	5"x3.3' Standpipe less CO
05526.150N	6"x3.3' CU Standpipe no CO
05526.150X	6"x3.3' Standpipe less CO
05510.050X	2"x3.3' Standpipe w/CO
05510.070N	2-1/2"x3.3' CU Standpipe w/CO
05510.070X	2-1/2"x3.3' Standpipe w/CO
05510.080N	3"x3.3' CU Standpipe w/CO
05510.080X	3"x3.3' Standpipe w/CO
05510.100N	4"x3.3' CU Standpipe w/CO
05510.100X	4"x3.3' Standpipe w/CO
05510.125N	5"x3.3' CU Standpipe w/CO
05510.125X	5"x3.3' Standpipe w/CO
05510.150N	6"x3.3' CU Standpipe w/CO
05510.150X	6"x3.3' Standpipe w/CO
05515.070X	2-1/2"x4.9' Standpipe w/CO
05515.080X	3"x4.9' Standpipe w/CO
05515.100N	4"x4.9' CU Standpipe w/CO
05515.100X	4"x4.9' Standpipe w/CO
05515.125N	5"x4.9' CU Standpipe w/CO
05515.125X	5"x4.9' Standpipe w/CO
05515.150X	6"x4.9' Standpipe w/CO
05520.070N	2-1/2"x6.6' CU Standpipe w/CO
05520.070X	2-1/2"x6.6' Standpipe w/CO
05520.080N	3"x6.6' CU Standpipe w/CO



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

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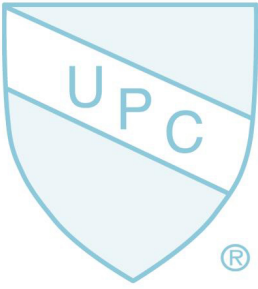
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

05520.080X	3"x6.6' Standpipe w/CO
05520.100N	4"x6.6' CU Standpipe w/CO
05520.100X	4"x6.6' Standpipe w/CO
05520.125N	5"x6.6' CU Standpipe w/CO
05520.125X	5"x6.6' Standpipe w/CO
05520.150X	6"x6.6' Standpipe w/CO
05530.070X	2-1/2"x9.8' Standpipe w/CO
05530.080X	3"x9.8' Standpipe w/CO
05530.100X	4"x9.8' Standpipe w/CO
05530.125X	5"x9.8' Standpipe w/CO
05530.150X	6"x9.8' Standpipe w/CO
00340.032X	1-1/4" 15 Degree Bend
00340.040X	1-1/2" 15 Degree Bend
00340.050X	2" 15 Degree Bend
00340.070X	2-1/2" 15 Degree Bend
00340.080X	3" 15 Degree Bend
00340.100X	4" 15 Degree Bend
00340.125X	5" 15 Degree Bend
00340.150X	6" 15 Degree Bend
00340.200X	8" 15 Degree Bend
03008.250X	10" 15 Degree Bend
03008.300X	12" 15 Degree Bend
00330.032X	1-1/4" 30 Degree Bend
00330.040X	1-1/2" 30 Degree Bend
00330.050X	2" 30 Degree Bend
00330.070X	2-1/2" 30 Degree Bend
00330.080X	3" 30 Degree Bend
00330.100X	4" 30 Degree Bend
00330.125X	5" 30 Degree Bend
00330.150X	6" 30 Degree Bend
00330.200X	8" 30 Degree Bend
03007.250X	10" 30 Degree Bend
03007.300X	12" 30 Degree Bend
00320.032X	1-1/4" 45 Degree Bend
00320.050X	2" 45 Degree Bend



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

Page 10

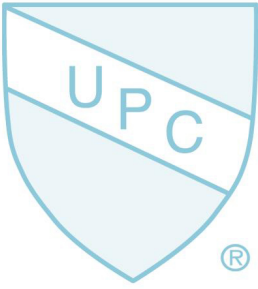
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

00320.070X	2-1/2" 45 Degree Bend
00320.080X	3" 45 Degree Bend
00320.100X	4" 45 Degree Bend
00320.125X	5" 45 Degree Bend
00320.150X	6" 45 Degree Bend
00320.200X	8" 45 Degree Bend
03006.250X	10" 45 Degree Bend
03006.300X	12" 45 Degree Bend
00352.040X	1-1/2" 45 Degree Short Bend
00352.050X	2" 45 Degree Short Bend
00352.070X	2-1/2" 45 Degree Short Bend
00310.040X	1-1/2" 70 Degree Bend
00310.050X	2" 70 Degree Bend
00310.070X	2-1/2" 70 Degree Bend
00310.080X	3" 70 Degree Bend
00310.100X	4" 70 Degree Bend
00310.125X	5" 70 Degree Bend
00310.150X	6" 70 Degree Bend
00310.200X	8" 70 Degree Bend
03005.250X	10" 70 Degree Bend
03005.300X	12" 70 Degree Bend
00300.032X	1-1/4" 87 Degree Bend
00300.040X	1-1/2" 87 Degree Bend
00300.050X	2" 87 Degree Bend
00300.070X	2-1/2" 87 Degree Bend
00300.080X	3" 87 Degree Bend
00300.100X	4" 87 Degree Bend
00300.125X	5" 87 Degree Bend
00300.150X	6" 87 Degree Bend
00300.200X	8" 87 Degree Bend
00350.040X	1-1/2" 87 Degree Short Bend
00350.050X	2" 87 Degree Short Bend
00350.070X	2-1/2" 87 Degree Short Bend
00350.080X	3" 87 Degree Short Bend
03004.250X	10" 88 Degree Short Bend



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

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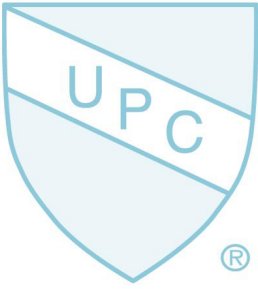
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

03004.300X	12" 88 Degree Short Bend
00504.040X	1-1/2" 90 Degree Extended Bend
00504.050X	2" 90 Degree Extended Bend
00512.BBBX	2" Dbl 90 Degree Bend (Tee)
00501.BA0X	2"x1-1/2" Red 90 Degree Bend
00501.CB0X	2-1/2"x2" Red 90 Degree Bend
00500.040X	1-1/2" 90 Degree Bend
00500.050X	2" 90 Degree Bend
00500.070X	2-1/2" 90 Degree Bend
00500.080X	3" 90 Degree Bend
00500.100X	4" 90 Degree Bend
00510.040X	1-1/2" 90 Deg Bend w/Short Skt
00510.050X	2" 90 Deg Bend wShort Socket
00220.AA0X	1-1/2" 45 Deg Lateral Wye
00220.BB0X	2" 45 Degree Lateral Wye
00220.CC0N	2-1/2" 45 Deg Lateral CU Wye
00220.CC0X	2-1/2" 45 Degree Lateral Wye
00220.DD0N	4" 45 Deg Lateral CU Wye
00220.DD0X	4" 45 Degree Lateral Wye
00220.EE0X	5" 45 Degree Lateral Wye
00220.FF0X	6" 45 Degree Lateral Wye
00220.GG0X	8" 45 Degree Lateral Wye
00220.LL0X	1-1/4" 45 Degree Lateral Wye
00220.MM0N	3" 45 Degree Lateral CU Wye
00220.MM0X	3" 45 Degree Lateral Wye
00281.CBBX	2-1/2"x2" Dbl Wye 90deg offset
00281.DCCX	4"x2-1/2" Dbl Wye 90deg offset
00280.CBBX	2-1/2"x2" Dbl Wye 180deg offst
00280.DBBX	4"x2" Dbl Wye 180 deg offst
00280.DCCX	4"x2-1/2" Dbl Wye 180 deg off
00280.EDDX	5"x4" Dbl Wye 180 deg offset
00280.FDDX	6"x4" Dbl Wye 180 deg offset
00280.FEEX	6"x5" Dbl Wye 180 deg offset
02250.HH0X	10" 45 Degree Lateral Wye
02250.KH0X	12"x10" Red Lateral Wye



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

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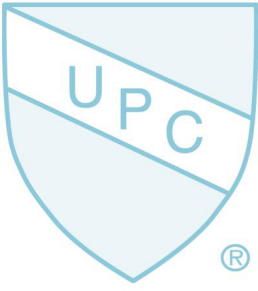
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

02250.KK0X	12" 45 Degree Lateral Wye
00250.AL0X	1-1/2"x1-1/4" Red Lateral Wye
00250.BA0X	2"x1-1/2" Reducing Lateral Wye
00250.BL0X	2"x1-1/4" Reducing Lateral Wye
00250.CA0X	2-1/2"x1-1/2" Red Lateral Wye
00250.CB0X	2-1/2"x2" Reducing Lateral Wye
00250.DA0X	4"x1-1/2" Reducing Lateral Wye
00250.DB0X	4"x2" Reducing Lateral Wye
00250.DC0N	4"x2-1/2" Red Lateral CU Wye
00250.DC0X	4"x2-1/2" Reducing Lateral Wye
00250.DM0X	4"x3" Reducing Lateral Wye
00250.EB0X	5"x2" Reducing Lateral Wye
00250.EC0X	5"x2-1/2" Reducing Lateral Wye
00250.ED0X	5"x4" Reducing Lateral Wye
00250.FC0X	6"x2-1/2" Reducing Lateral Wye
00250.FD0X	6"x4" Reducing Lateral Wye
00250.FE0X	6"x5" Reducing Lateral Wye
00250.GD0X	8"x4" Reducing Lateral Wye
00250.GE0X	8"x5" Reducing Lateral Wye
00250.GF0X	8"x6" Reducing Lateral Wye
00250.MB0X	3"x2" Reducing Lateral Wye
00250.MC0X	3"x2-1/2" Reducing Lateral Wye
02260.HD0X	10"x4" Reducing Lateral Wye
02260.HE0X	10"x5" Reducing Lateral Wye
02260.HF0X	10"x6" Reducing Lateral Wye
02260.HG0X	10"x8" Reducing Lateral Wye
02260.KD0X	12"x4" Reducing Lateral Wye
02260.KE0X	12"x5" Reducing Lateral Wye
02260.KF0X	12"x6" Reducing Lateral Wye
02260.KG0X	12"x8" Reducing Lateral Wye
00251.BABX	2"x1-1/2"x2" Reducing Lat Wye
00251.CABX	2-1/2"x1-1/2"x2" Red Lat Wye
00251.CBBX	2-1/2"x2"x2" Reducing Lat Wye
00210.AA0X	1-1/2" 70 Degree Branch
00210.BB0X	2" 70 Degree Branch



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

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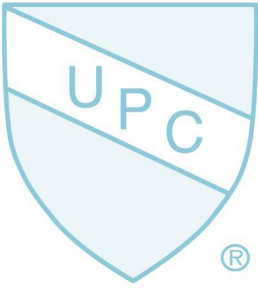
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

00210.CC0X	2-1/2" 70 Degree Branch
00210.DD0X	4" 70 Degree Branch
00210.EE0X	5" 70 Degree Branch
00210.FF0X	6" 70 Degree Branch
00210.GG0X	8" 70 Degree Branch
00240.BA0X	2"x1-1/2" 70 Degree Red Branch
00240.CB0X	2-1/2"x2" 70 Degree Red Branch
00240.DB0X	4"x2" 70 Degree Red Branch
00240.DC0X	4"x2-1/2" 70 Degree Red Branch
00240.MC0X	3"x2-1/2" 70 Degree Red Branch
00200.AA0X	1-1/2" 87 Degree Branch
00200.BB0X	2" 87 Degree Branch
00200.CC0N	2-1/2" 87 Degree CU Branch
00200.CC0X	2-1/2" 87 Degree Branch
00200.DD0N	4" 87 Degree CU Branch
00200.DD0X	4" 87 Degree Branch
00200.EE0X	5" 87 Degree Branch
00200.FF0X	6" 87 Degree Branch
00200.GG0X	8" 87 Degree Branch
00200.LL0X	1-1/4" 87 Degree Branch
00200.MM0N	3" 87 Degree CU Branch
00200.MM0X	3" 87 Degree Branch
00261.CBBX	2-1/2"x2" Dbl Tee 90deg offset
00261.DCCX	4"x2-1/2" Dbl Tee 90deg offset
00260.CBBX	2-1/2"x2" Red Dbl Tee (Cross)
00260.DBBX	4"x2" Red Dbl Tee (Cross)
00260.DCCX	4"x2-1/2" Red Dbl Tee (Cross)
00230.BA0X	2"x1-1/2" Red 87 Deg Tee
00230.CA0X	2-1/2"x1-1/2" Red 87 Deg Tee
00230.CB0X	2-1/2"x2" Red 87 Deg Tee
00230.DA0X	4"x1-1/2" Red 87 Deg Tee
00230.DB0X	4"x2" Red 87 Deg Tee
00230.DC0N	4"x2-1/2" Red 87 Deg CU Tee
00230.DC0X	4"x2-1/2" Red 87 Deg Tee
00230.DM0X	4"x3" Red 87 Deg Tee



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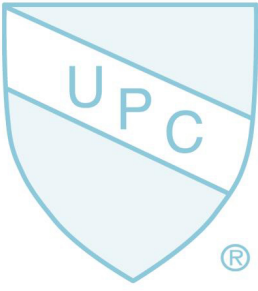
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

00230.EBOX	5"x2" Red 87 Deg Tee
00230.EC0X	5"x2-1/2" Red 87 Deg Tee
00230.ED0X	5"x4" Red 87 Deg Tee
00230.FC0X	6"x2-1/2" Red 87 Deg Tee
00230.FD0X	6"x4" Red 87 Deg Tee
00230.FE0X	6"x5" Red 87 Deg Tee
00230.GE0X	8"x5" Red 87 Deg Tee
00230.GF0X	8"x6" Red 87 Deg Tee
00230.MBOX	3"x2" Red 87 Deg Tee
00230.MC0X	3"x2-1/2" Red 87 Deg Tee
00231.BABX	2"x1-1/2"x2" Reducing Tee
00231.CABX	2-1/2"x1-1/2"x2" Reducing Tee
00231.CBBX	2-1/2"x2"x2" Reducing Tee
00810.040X	1-1/2" Long Socket Connector
00810.050X	2" Long Socket Connector
00810.070X	2-1/2" Long Socket Connector
00810.080X	3" Long Socket Connector
00810.100X	4" Long Socket Connector
00810.125X	5" Long Socket Connector
00810.150X	6" Long Socket Connector
00810.200X	8" Long Socket Connector
00720.040X	1-1/2" Female Adapter
00720.050X	2" Female Adapter
00721.040X	1-1/2"x1-1/4" Female Adapter
00721.050X	2"x1-1/2" Female Adapter
00700.040X	1-1/2" Male Adapter
00700.050X	2" Male Adapter
00702.040X	1-1/2"x1-1/4" Male Adapter
00702.050X	2"x1-1/2" Male Adapter
00701.040X	1-1/2" Socket x Male Adapter
00701.050X	2" Socket x Male Adapter
00705.040X	1-1/2"x1-1/4" Skt x Male Adapt
00705.050X	2"x1-1/2" Socket xMale Adapt
00670.125X	5"x8.27" Pipe Adapter
00670.150X	6"x8.27" Pipe Adapter



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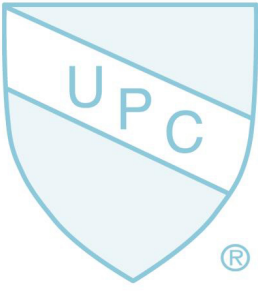
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

00610.050X	2"x2.28" Pipe Adapter
00620.070X	2"x3.07" Pipe Adapter
00630.050X	2"x4.33" Pipe Adapter
00630.070X	2-1/2"x4.33" Pipe Adapter
00630.080X	3"x4.33" Pipe Adapter
00630.100X	4"x4.33" Pipe Adapter
00670.200X	6"x8.27" Pipe Adapter
82511.040X	1-1/2" Socket x DIN Flg Adapt
82511.050X	2" Socket x DIN Flg Adapt
82511.070X	2-1/2" Socket x DIN Flg Adapt
82511.080X	3" Socket x DIN Flg Adapt
82511.100X	4" Socket x DIN Flg Adapt
82511.125X	5" Socket x DIN Flg Adapt
82511.150X	6" Socket x DIN Flg Adapt
82511.200X	8" Socket x DIN Flg Adapt
00750.070X	2.95"x2-1/2" SocketxSpig Adapt
00750.100X	4.33"x4" Socket x Spig Adapt
00615.050X	2"x2.2" SocketxSpig Adapt
00612.050X	2"x1.97" SocketxSpig Adapt
00622.070X	2-1/2"x2.95" SocketxSpig Adapt
00642.100X	4"x4.92" SocketxSpig Adapt
00642.125X	5"x4.92" SocketxSpig Adapt
00672.150X	6"x7.87" SocketxSpig Adapt
00672.200X	8"x7.87" SocketxSpig Adapt
00710.050X	2"x2.28" SpigotxSpigot Adapt
00710.070X	2-1/2"x3.07" SpigotxSpig Adapt
00710.080X	3"x3.27" SpigotxSpig Adapt
00710.100X	4"x4.33" SpigotxSpig Adapt
82561.040X	1-1/2" Spigot x DIN Flg Adapt
82561.050X	2" Spigot x DIN Flg Adapt
82561.070X	2-1/2" Spigot x DIN Flg Adapt
82561.080X	3" Spigot x DIN Flg Adapt
82561.100X	4" Spigot x DIN Flg Adapt
82561.125X	5" Spigot x DIN Flg Adapt
82561.150X	6" Spigot x DIN Flg Adapt



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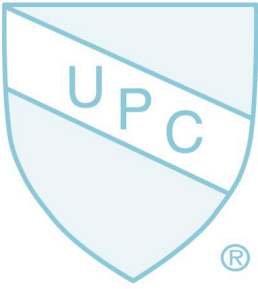
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

82561.200X	8" Spigot x DIN Flg Adapt
00770.250X	10"x9.84" SpigotxSpig Adapt
00770.300X	12"x12.4" SpigotxSpig Adapt
00806.032X	1-1/4" Anchor Clip
00806.040X	1-1/2" Anchor Clip
00806.050X	2" Anchor Clip
00806.070X	2-1/2" Anchor Clip
00806.080X	3" Anchor Clip
00806.100X	4" Anchor Clip
00806.125X	5" Anchor Clip
08061.040X	1-1/2" Anchor Clip w/Notch
08061.050X	2" Anchor Clip w/Notch
08061.070X	2-1/2" Anchor Clip w/Notch
08061.080X	3" Anchor Clip w/Notch
08061.100X	4" Anchor Clip w/Notch
08061.125X	5" Anchor Clip w/Notch
00808.150X	6" Anchor Hoop
00808.200X	8" Anchor Hoop
09603.100X	Lag Screw w/Thr Rod M8 X 100
09603.120X	Lag Screw w/Thr Rod M8 X 120
09603.200X	Lag Screw w/Thr Rod M8 X 200
09604.100X	Lag Screw w/Thr Rod M10 X 100
09604.120X	Lag Screw w/Thr Rod M10 X 120
09604.200X	Lag Screw w/Thr Rod M10 X 200
09622.100X	Lag Screw w/Thr Rod M12 X 100
09622.120X	Lag Screw w/Thr Rod M12 X 120
09622.200X	Lag Screw w/Thr Rod M12 X 200
09613.000X	Threaded Rod M8 x 1000
09614.000X	Threaded Rod M10 x 1000
00560.040X	1-1/2" Double Socket Cplg
00560.050X	2" Double Socket Cplg
00560.070X	2-1/2" Double Socket Cplg
00560.080X	3" Double Socket Cplg
00560.100X	4" Double Socket Cplg
00560.125X	5" Double Socket Cplg



# IAPMO RESEARCH AND TESTING, INC.

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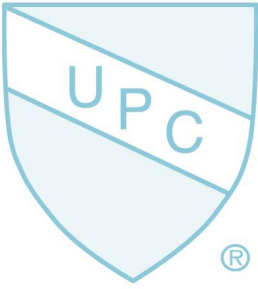
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

00560.150X	6" Double Socket Cplg
00560.200X	8" Double Socket Cplg
09070.100X	4" Cplg f/hubless pipe
09070.250X	10" Cplg f/hubless pipe
09070.300X	12" Cplg f/hubless pipe
09071.250X	10" Cplg w/claw x nohub pipe
09071.300X	12" Cplg w/claw x nohub pipe
00990.040X	1-1/2" Hanger w/nail anchor
00990.050X	2" Hanger w/nail anchor
00990.070X	2-1/2" Hanger w/nail anchor
00990.080X	3" Hanger w/nail anchor
00990.100X	4" Hanger w/nail anchor
00990.125X	5" Hanger w/nail anchor
00990.150X	6" Hanger w/nail anchor
00990.200X	8" Hanger w/nail anchor
09917.070X	2-1/2" Hanger w/5.9" nail anch
09917.100X	4" Hanger w/5.9" nail anchor
09917.125X	5" Hanger w/5.9" nail anchor
09918.100X	4" Hanger w/7.9" nail anch
09919.100X	4" Hanger w/11.8" nail anch
00993.070X	2-1/2" Rectangular Pipe Hanger
00993.100X	4" Rectangular Pipe Hanger
00973.040X	1-1/2" Pipe Hanger w/M8 socket
00973.050X	2" Pipe Hanger w/M8 socket
00973.070N	2-1/2" CU Pipe Hanger w/M8 skt
00973.070X	2-1/2" Pipe Hanger w/M8 socket
00975.080N	3" CU Pipe Hanger w/M10 skt
00975.080X	3" Pipe Hanger w/M10 socket
00975.100N	4" CU Pipe Hanger w/M10 skt
00975.100X	4" Pipe Hanger w/M10 socket
00977.125N	5" CU Pipe Hanger w/M12 skt
00977.125X	5" Pipe Hanger w/M12 socket
00977.150X	6" Pipe Hanger w/M12 socket
00977.168X	6.6" Pipe Hanger w/M12 socket
00977.200X	8" Pipe Hanger w/M12 socket



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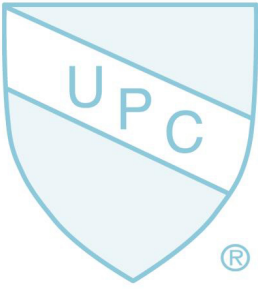
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

00977.250X	10" Pipe Hanger w/M12 socket
00977.300X	12" Pipe Hanger w/M12 socket
00972.040X	1-1/2" Pipe Hanger w/M8 socket
00972.050X	2" Pipe Hanger w/M8 socket
00972.070X	2-1/2" Pipe Hanger w/M8 socket
00974.080X	3" Pipe Hanger w/M10 socket
00974.100X	4" Pipe Hanger w/M10 socket
00976.125X	5" Pipe Hanger w/M12 socket
00976.150X	6" Pipe Hanger w/M12 socket
00976.168X	6.6" Pipe Hanger w/M12 socket
00976.200X	8" Pipe Hanger w/M12 socket
00976.300X	12" Pipe Hanger w/M12 socket
00981.000X	LORO-X LUBRICANT 150-G-TUBE
09811.000X	LORO-X LUBRICANT 1-KG-TIN
00985.000X	ADHESIVE/JOINTING COMPOUND
00800.040X	1-1/2" Closure Plug
00800.050X	2" Closure Plug
00800.070X	2-1/2" Closure Plug
00800.080X	3" Closure Plug
00800.100X	4" Closure Plug
00800.125X	5" Closure Plug
00800.150X	6" Closure Plug
00800.200X	8" Closure Plug
08001.040X	1-1/2" Long Closure Plug
08001.050X	2" Long Closure Plug
08001.070X	2-1/2" Long Closure Plug
08001.080X	3" Long Closure Plug
08001.100X	4" Long Closure Plug
08001.125X	5" Long Closure Plug
08001.150X	6" Long Closure Plug
08001.200X	8" Long Closure Plug
08003.250X	10" End Cap
08003.300X	12" End Cap
00924.040X	1-1/2" PVC END PLUG
00924.050X	2" PVC END PLUG



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

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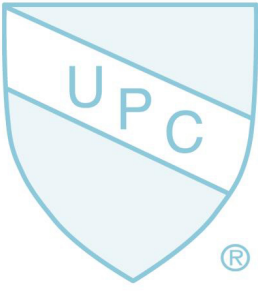
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

00924.070X	2-1/2" PVC END PLUG
00924.100X	4" PVC END PLUG
00805.040X	1-1/2" Socket Plug w/comp seal
00805.050X	2" Socket Plug w/comp seal
00805.070X	2-1/2" Socket Plug w/comp seal
00805.080X	3" Socket Plug w/comp seal
00805.100X	4" Socket Plug w/comp seal
00805.125X	5" Socket Plug w/comp seal
00805.150X	6" Socket Plug w/comp seal
00600.AB0X	1-1/2"x2" Conc reducer
00600.AC0X	1-1/2"x2-1/2" Conc reducer
00600.BC0X	2"x2-1/2" Conc reducer
00600.BD0X	2"x4" Conc reducer
00600.CD0X	2-1/2"x4" Conc reducer
00600.CE0X	2-1/2"x5" Conc reducer
00600.CM0X	2-1/2"x3" Conc reducer
00600.DE0X	4"x5" Conc reducer
00600.DF0X	4"x6" Conc reducer
00600.DG0X	4"x8" Conc reducer
00600.EF0X	5"x6" Conc reducer
00600.EG0X	5"x8" Conc reducer
00600.FG0X	6"x8" Conc reducer
00600.MD0X	3"x4" Conc reducer
06006.FH0X	6"x10" Conc Reducer
06006.FK0X	6"x12" Conc Reducer
06006.GH0X	8"x10" Conc Reducer
06006.GK0X	8"x12" Conc Reducer
00603.AB0X	1-1/2"x2" Conc Reducer
00603.AC0X	1-1/2"x2-1/2" Conc Reducer
00603.BC0X	2"x2-1/2" Conc Reducer
00603.BD0X	2"x4" Conc Reducer
00603.CD0X	2-1/2"x4" Conc Reducer
00603.CM0X	2-1/2"x3" Conc Reducer
00603.DE0X	4"x5" Conc Reducer
00603.EF0X	5"x6" Conc Reducer



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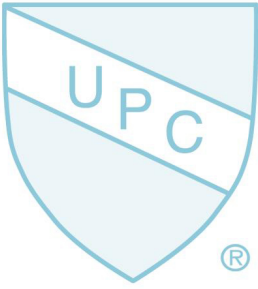
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

00603.FG0X	6"x8" Conc Reducer
00603.MD0X	3"x4" Conc Reducer
06005.HK0X	10"x12" Conc Reducer
00601.AB0X	1-1/2"x2" Eccentric reducer
00601.BC0X	2"x2-1/2" Eccentric reducer
00601.BD0X	2"x4" Eccentric reducer
00601.CD0X	2-1/2"x4" Eccentric reducer
00601.CE0X	2-1/2"x10" Eccentric reducer
00601.CM0X	2-1/2"x3" Eccentric reducer
00601.DE0X	4"x5" Eccentric reducer
00601.DF0X	4"x6" Eccentric reducer
00601.EF0X	5"x6" Eccentric reducer
00601.FG0X	6"x8" Eccentric reducer
00601.MD0X	3"x4" Eccentric reducer
00911.032X	1-1/4" Sealing Ring
00911.040X	1-1/2" Sealing Ring
00911.050X	2" Sealing Ring
00911.070X	2-1/2" Sealing Ring
00911.080X	3" Sealing Ring
00911.100X	4" Sealing Ring
00911.125X	5" Sealing Ring
00911.150X	6" Sealing Ring
00911.200X	8" Sealing Ring
00937.100X	4" Transition Seal f/Pl Skt
00933.100X	4" Transition Seal xPlastic
00944.125X	5" Transition Seal xPlastic
00913.040X	1-1/2" Trans Seal to Siphon
00913.050X	2" Trans Seal to Siphon
00914.040X	1-1/2" Trans Seal xSiphon
00914.050X	2" Trans Seal xSiphon
00915.050X	2" Trans Seal to Siphon
00918.040X	1-1/2" Vacuum Sealing Ring
00918.050X	2" Vacuum Sealing Ring
00918.070X	2-1/2" Vacuum Sealing Ring
18100.050X	2" Plastic Plug/Cap



# IAPMO RESEARCH AND TESTING, INC.

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Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

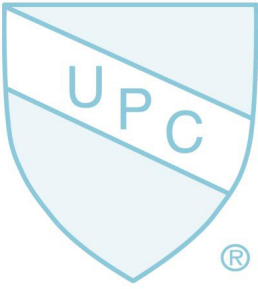
File No. 6197

Issued To: Loro- Josam Company

18100.070X	2-1/2" Plastic Plug/Cap
18100.100X	4" Plastic Plug/Cap
09601.060X	SET SCREW M 8 X 60
09601.080X	SET SCREW M 8 X 80
09601.100X	SET SCREW M 8 X 100
09602.060X	SET SCREW M 10 X 60
09602.100X	SET SCREW M 10 X 100
09602.120X	SET SCREW M 10 X 120
09612.120X	SCREWED ROD M 12 X 120
04375.070X	2-1/2" P-TRAP
04375.100X	4" P-TRAP
00430.070X	2-1/2" Running trap
00430.100X	4" Running trap
04373.070X	2-1/2" S-Trap
04373.100X	4" S-Trap
13517.DCCX	

### Drains

<u>Model No.</u>	<u>Description</u>
01347.050X	DN50 NP Siphon RD
01347.070X	DN70 NP Siphon RD
01349.050X	DN50 NP Emerg OD
01349.070X	DN70 NP Emerg OD
01350.100X	DN100 Gravity Parapet RD
01351.050X	DN50 NP Siphon RD
01351.070X	DN70 NP Siphon RD
01353.050X	DN50 NP Siphon RD
01353.070X	DN70 NP Siphon RD
01356.050X	DN50 NP Emerg OD
01356.070X	DN70 NP Emerg OD
01358.050X	DN50 NP Emerg OD
01358.070X	DN70 NP Emerg OD
01380.050X	DN50 Rainstar Scupper RD
01380.070X	DN70 Rainstar Scupper RD
01380.100X	DN100 Rainstar Scupper RD



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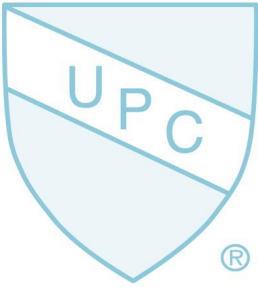
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

01381.050X	DN50 Rainstar Scupper Emer RD
01381.070X	DN70 Rainstar Scupper Emer RD
01381.100X	DN100 Rainstar Scupper Emer RD
01382.050X	DN50 Rainstar Scupper RD
01382.070X	DN70 Rainstar Scupper RD
01382.100X	DN100 Rainstar Scupper RD
01383.050X	DN50 Rainstar Scupper Emer RD
01383.070X	DN70 Rainstar Scupper Emer RD
01383.100X	DN100 Rainstar Scupper Emer RD
01384.000X	Insulation Block
04379.070X	DN70 Rainwater Header w/cover
04379.100X	DN100 Rainwater Header w/cover
05042.CA0X	DN70/40 Connector Bend
05042.CB0X	DN70/50 Connector Bend
05042.CC0X	DN70/70 Connector Bend
05042.CL0X	DN70/32 Connector Bend
05042.DC0X	DN100/70 Connector Bend
05042.DD0X	DN100/100 Connector Bend
05042.DM0X	DN100/80 Connector Bend
05043.CA0X	DN70/40 Adjustment Pipe
05043.CB0X	DN70/50 Adjustment Pipe
05043.DC0X	DN100/70 Adjustment Pipe
05043.DM0X	DN100/80 Adjustment Pipe
13217.100X	DN100 Vent cap
13235.070X	DN70 Stack Sleeve
13235.100X	DN100 Stack Sleeve
13236.070X	DN70 Stack Sleeve
13236.100X	DN100 Stack Sleeve
13766.CC0X	DN70/70 Attika Star Emerg OD
13779.CC0X	DN70/70 Attika Star Siphon RD
18620.125X	Drain top for promenade deck
18621.125X	Drain top for parking deck
19543.070X	DN70 IRMA Roof Drain
19544.070X	DN70 IRMA Roof Drain w/insul
19545.070X	DN70 IRMA RD w/insul, heat trc



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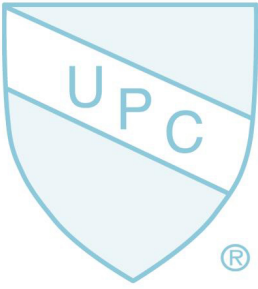
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

19602.AL0X	DN40/32 Adjustment Pipe
19602.BA0X	DN50/40 Adjustment Pipe
19602.CB0X	DN70/50 Adjustment Pipe
19602.DB0X	DN100/50 Adjustment Pipe
19602.DC0X	DN100/70 Adjustment Pipe
19602.DM0X	DN100/80 Adjustment Pipe
19602.ED0X	DN125/100 Adjustment Pipe
19602.FE0X	DN150/125 Adjustment Pipe
19602.GF0X	DN200/150 Adjustment Pipe
19602.HG0X	DN300/250 Adjustment Pipe
19602.MB0X	DN80/50 Adjustment Pipe
19602.MC0X	DN80/70 Adjustment Pipe
19941.070X	DN70 IRMA Roof Drain
19973.000X	Screen Basket for DrainJet
19975.070X	DN70 Drain receiver 600x600mm
19979.000X	Ballast screen
21000.000X	Drainjet cover -main drain
21009.000X	Drainjet cover -emergency drn
21111.070X	DN70 DrainJet Type a
21111.100X	DN110 DrainJet Type a
21112.070X	DN70 DrainJet Type b
21112.100X	DN110 DrainJet Type b
21113.070X	DN70 DrainJet Type c
21113.100X	DN110 DrainJet Type c
21121.070X	DN70 DrainJet 2Prt Type a
21121.100X	DN110 DrainJet 2Prt Type a
21122.070X	DN70 DrainJet 2Prt Type b
21122.100X	DN110 DrainJet 2Prt Type b
21123.070X	DN70 DrainJet 2Prt Type c
21123.100X	DN110 DrainJet 2Prt Type c
21311.070X	DN70 DrainJet OD Type a
21311.100X	DN110 DrainJet OD Type a
21312.070X	DN70 DrainJet OD Type b
21312.100X	DN110 DrainJet OD Type b
21313.070X	DN70 DrainJet OD Type c



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Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

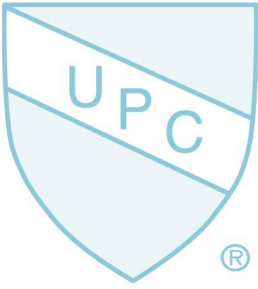
File No. 6197

Issued To: Loro- Josam Company

21313.100X	DN110 DrainJet OD Type c
21321.070X	DN70 DrainJet 2 Prt OD Type a
21321.100X	DN110 DrainJet 2 Prt OD Type a
21322.070X	DN70 DrainJet 2 Prt OD Type b
21322.100X	DN110 DrainJet 2 Prt OD Type b
21323.070X	DN70 DrainJet 2 Prt OD Type c
21323.100X	DN110 DrainJet 2 Prt OD Type c
21905.070X	Clamp Collar for DN70
21905.100X	Clamp Collar for DN100
21905.125X	Clamp Collar for DN125
21906.070X	Clamp Collar w/weir for DN70
21906.100X	Clamp Collar w/weir for DN100
21971.070X	DN70 Lower Body for 2 prt drn
21971.100X	DN100 Lower Body for 2 prt drn
21971.125X	DN125 Lower Body for 2 prt drn
21972.070X	DN70 Lower Body w/insulation
21972.100X	DN100 Lower Body w/insulation
21972.125X	DN125 Lower Body w/insulation
21973.070X	DN70 Lower Body w/ins heat trc
21973.100X	DN100 Lower Bdy w/ins heat trc
21973.125X	DN125 Lower Bdy w/ins heat trc
21981.070X	DN70 Lower RD Body
21981.100X	DN100 Lower RD Body
21981.125X	DN125 Lower RD Body
21982.070X	DN70 Lower Body w/insulation
21982.100X	DN100 Lower Body w/insulation
21982.125X	DN125 Lower Body w/insulation
21983.070X	DN70 Lower Body w/ins heat trc
21983.100X	DN100 Lower Bdy w/ins heat trc
21983.125X	DN125 Lower Bdy w/ins heat trc

Item Types

<u>Model No.</u>	<u>Description</u>
00810.nnnX	Long Socket Connector
00720.nnnX	Female Adapter



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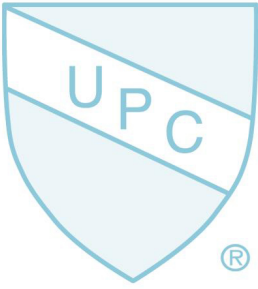
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Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

00721.nnnX	Female Adapter
00700.nnnX	Male Adapter
00702.nnnX	Male Adapter
00701.nnnX	Socket x Male Adapter
00705.nnnX	Skt x Male Adapt
00670.nnnX	Pipe Adapter
00610.nnnX	Pipe Adapter
00620.nnnX	Pipe Adapter
00630.nnnX	Pipe Adapter
82511.nnnX	Socket x DIN Flg Adapt
00750.nnnX	SocketxSpig Adapt
00615.nnnX	SocketxSpig Adapt
00612.nnnX	SocketxSpig Adapt
00622.nnnX	SocketxSpig Adapt
00642.nnnX	SocketxSpig Adapt
00672.nnnX	SocketxSpig Adapt
00710.nnnX	SpigotxSpigot Adapt
82561.nnnX	Spigot x DIN Flg Adapt
00770.nnnX	SpigotxSpig Adapt
00806.nnnX	Anchor Clip
08061.nnnX	Anchor Clip w/Notch
00808.nnnX	Anchor Hoop
09603.nnnX	Lag Screw w/Thr Rod M8 X 100
09604.nnnX	Lag Screw w/Thr Rod M10 X 100
01005.nnnX	PIPE w/1-SOCKET
01011.nnnX	PIPE w/1-SOCKET
01013.nnnX	PIPE w/1-SOCKET
01014.nnnX	PIPE w/1-SOCKET
01050.nnnX	PIPE w/o SOCKET
01051.nnnX	PIPE w/o SOCKET
01101.nnnN	CU PIPE w/1-SOCKET
01101.nnnO	PIPE1-SK No Coating
01101.nnnX	PIPE w/1-SOCKET
01102.nnnX	PIPE w/RED END
01103.nnnX	PIPE w/RED END



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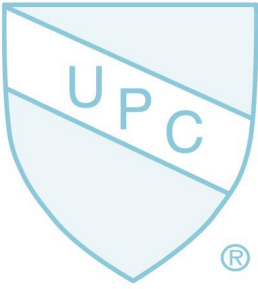
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

01104.nnnX	PIPE w/RED END
01108.nnnX	PIPE w/LONG SOCKET
01111.nnnN	CU PIPE w/1- SKT
01111.nnnX	PIPE w/1- SOCKET
01121.nnnX	PIPE w/RED END
01201.nnnN	CU PIPE w/1-SOCKET
01201.nnnO	PIPEw1-SKT No Coat
01201.nnnX	PIPE w/1-SOCKET
01202.nnnX	PIPE w/RED END
01203.nnnX	PIPE w/LONG SOCKET
01211.nnnX	PIPE w/1-SOCKET
01301.nnnN	CU PIPE w/1-SOCKET
01301.nnnX	PIPE w/1-SOCKET
01401.nnnN	CU PIPE w/1-SOCKET
01401.nnnX	PIPE w/1-SOCKET
04374.nnnX	DOWNPIPE TRAP w/CLEANOUT
00556.nnnX	CLEANOUT ACCESS PIPE
00550.nnnX	CLEANOUT RND ACCESS PIPE
00553.nnnX	CLEANOUT REC ACCESS PIPE
82650.nnnX	DOWN PIPE SUPPORT
08266.nnnX	DOWN PIPE SUPPORT
00390.nnnX	OFFSET PIPE 130mm
00380.nnnX	OFFSET PIPE 200mm
00400.nnnX	OFFSET PIPE 75mm
05525.nnnX	Standpipe less CO
05526.nnnN	CU Standpipe no CO
05526.nnnX	Standpipe no CO
05510.nnnN	CU Standpipe w/CO
05510.nnnX	Standpipe w/CO
05515.nnnN	CU Standpipe w/CO
05515.nnnX	Standpipe w/CO
05520.nnnN	CU Standpipe w/CO
05520.nnnX	Standpipe w/CO
05530.nnnX	Standpipe w/CO
00800.nnnX	Closure Plug



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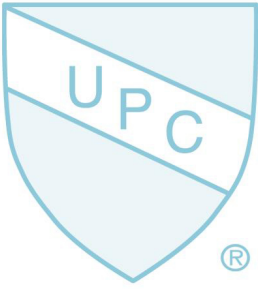
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Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

08001.nnnX	Long Closure Plug
08003.nnnX	End Cap
00924.nnnX	PVC END PLUG
00805.nnnX	Socket Plug w/comp seal
21000.nnnX	cover -main drain
21009.nnnX	cover -emergency drn
21905.nnnX	Collar for DN70
21906.nnnX	Collar w/weir for DN70
21971.nnnX	Lower Body for 2 prt drn
21972.nnnX	Lower Body w/insulation
21973.nnnX	Lower Body w/ins heat trc
19602.nnnX	Adjustment Pipe
13779.nnnX	Attika Star Siphon RD
19543.nnnX	IRMA Roof Drain
19544.nnnX	IRMA Roof Drain w/insul
19545.nnnX	IRMA RD w/insul, heat trc
21981.nnnX	Lower RD Body
21982.nnnX	Lower Body w/insulation
21983.nnnX	Lower Body w/ins heat trc
04379.nnnX	Rainwater Header w/cover
05042.nnnX	Connector Bend
05043.nnnX	Adjustment Pipe
19973.nnnX	Basket for DrainJet
19979.nnnX	screen
13517.nnnX	Dbl Combo
21111.nnnX	DrainJet Type a
21112.nnnX	DrainJet Type b
21113.nnnX	DrainJet Type c
21121.nnnX	DrainJet 2Prt Type a
21122.nnnX	DrainJet 2Prt Type b
21123.nnnX	DrainJet 2Prt Type c
13235.nnnX	Stack Sleeve
13236.nnnX	Stack Sleeve
01350.nnnX	Gravity Parapet RD
01384.nnnX	Block



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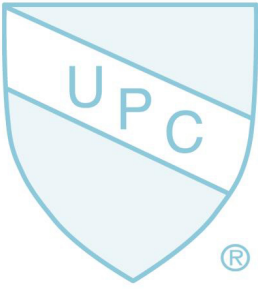
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

19941.nnnX	IRMA Roof Drain
01347.nnnX	NP Siphon RD
01351.nnnX	NP Siphon RD
01353.nnnX	NP Siphon RD
18620.nnnX	top for promenade deck
18621.nnnX	top for parking deck
19975.nnnX	Drain receiver 600x600mm
01380.nnnX	Rainstar Scupper RD
01381.nnnX	Rainstar Scupper Emer RD
01382.nnnX	Rainstar Scupper RD
01383.nnnX	Rainstar Scupper Emer RD
13217.nnnX	Vent cap
13766.nnnX	Attika Star Emerg OD
21311.nnnX	DrainJet OD Type a
21312.nnnX	DrainJet OD Type b
21313.nnnX	DrainJet OD Type c
21321.nnnX	DrainJet 2 Prt OD Type a
21322.nnnX	DrainJet 2 Prt OD Type b
21323.nnnX	DrainJet 2 Prt OD Type c
01349.nnnX	NP Emerg OD
01356.nnnX	NP Emerg OD
01358.nnnX	NP Emerg OD
00600.nnnX	Conc reducer
06006.nnnX	Conc Reducer
00603.nnnX	Conc Reducer
06005.nnnX	Conc Reducer
00601.nnnX	Eccentric reducer
00911.nnnX	Sealing Ring
00937.nnnX	Transition Seal f/Pl Skt
00933.nnnX	Transition Seal xPlastic
00944.nnnX	Transition Seal xPlastic
00913.nnnX	Trans Seal to Siphon
00914.nnnX	Trans Seal xSiphon
00915.nnnX	Trans Seal to Siphon
00918.nnnX	Vacuum Sealing Ring



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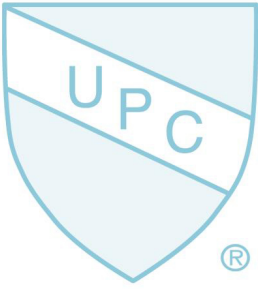
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

18100.nnnX	Plastic Plug/Cap
09601.nnnX	SCREW M 8 X 60
09602.nnnX	SCREW M 10 X 60
09612.nnnX	ROD M 12 X 120
04375.nnnX	P-TRAP
00430.nnnX	Running trap
04373.nnnX	S-Trap
09622.nnnX	Lag Screw w/Thr Rod M12 X 100
09613.nnnX	Rod M8 x 1000
09614.nnnX	Rod M10 x 1000
00340.nnnX	15 Degree Bend
03008.nnnX	15 Degree Bend
00330.nnnX	30 Degree Bend
03007.nnnX	30 Degree Bend
00320.nnnX	45 Degree Bend
03006.nnnX	45 Degree Bend
00352.nnnX	45 Degree Short Bend
00310.nnnX	70 Degree Bend
03005.nnnX	70 Degree Bend
00300.nnnX	87 Degree Bend
00350.nnnX	87 Degree Short Bend
03004.nnnX	88 Degree Short Bend
00504.nnnX	90 Degree Extended Bend
00512.nnnX	Dbl 90 Degree Bend (Tee)
00501.nnnX	Red 90 Degree Bend
00500.nnnX	90 Degree Bend
00510.nnnX	90 Deg Bend w/Short Skt
00220.nnnN	45 Deg Lateral CU Wye
00220.nnnX	45 Deg Lateral Wye
00281.nnnX	Dbl Wye 90deg offset
00280.nnnX	Dbl Wye 180deg offst
02250.nnnX	45 Degree Lateral Wye
00250.nnnN	Red Lateral CU Wye
00250.nnnX	Red Lateral Wye
02260.nnnX	Reducing Lateral Wye



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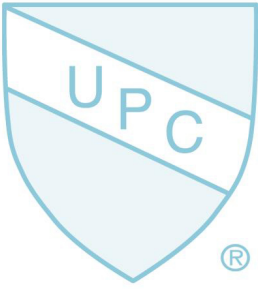
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Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

00251.nnnX	Reducing Lat Wye
00210.nnnX	70 Degree Branch
00240.nnnX	70 Degree Red Branch
00200.nnnN	87 Degree CU Branch
00200.nnnX	87 Degree Branch
00261.nnnX	Dbl Tee 90deg offset
00260.nnnX	Red Dbl Tee (Cross)
00230.nnnN	Red 87 Deg CU Tee
00230.nnnX	Red 87 Deg Tee
00231.nnnX	Reducing Tee
00560.nnnX	Double Socket Cplg
09070.nnnX	Cplg f/hubless pipe
09071.nnnX	Cplg w/claw x nohub pipe
00990.nnnX	Hanger w/nail anchor
09917.nnnX	Hanger w/150mm nail anch
09918.nnnX	Hanger w/200mm nail anch
09919.nnnX	Hanger w/300mm nail anch
00993.nnnX	Rectangular Pipe Hanger
00973.nnnN	CU Pipe Hanger w/M8 skt
00973.nnnX	Pipe Hanger w/M8 socket
00975.nnnN	CU Pipe Hanger w/M10 skt
00975.nnnX	Pipe Hanger w/M10 socket
00977.nnnN	CU Pipe Hanger w/M12 skt
00977.nnnX	Pipe Hanger w/M12 socket
00972.nnnX	Pipe Hanger w/M8 socket
00974.nnnX	Pipe Hanger w/M10 socket
00976.nnnX	Pipe Hanger w/M12 socket
00981.nnnX	LUBRICANT 150-G-TUBE
09811.nnnX	LUBRICANT 1-KG-TIN
00985.nnnX	COMPOUND
00100.nnnX	PIPE w/2-SOCKETS
00101.nnnX	Vent Pipe M.A.GEW
00102.nnnX	Vent Pipe
00110.nnnX	PIPE w/2-SOCKETS
00120.nnnX	PIPE w/2-SOCKETS



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## CERTIFICATE OF LISTING

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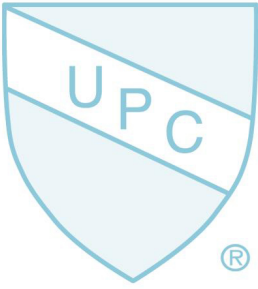
Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

Issued To: Loro- Josam Company

00121.nnnX PIPE w/2-SOCKETS  
00130.nnnX PIPE w/2-SOCKETS  
00140.nnnX PIPE w/2-SOCKETS  
01001.nnnN CU PIPE w/1-SOCKET  
01001.nnnX PIPE w/1-SOCKET  
01002.nnnX PIPE w/Ext-SOCKET  
01003.nnnX PIPE w/Ext-SOCKET  
01004.nnnX PIPE w/1-SOCKET

<u>Extension</u>	<u>Main pipe size</u>	<u>4th char Material</u>	<u>Description</u>
000X		X	Galvanized steel with internal coating
032X	1-1/4"	N	Copper
040X	1-1/2"	O	Galvanized steel with no internal coating
050X	2"		
060X	2.36"		
070N	2-1/2"		
070X	2-1/2"		
080N	3"		
080X	3"		
100N	4"		
100O	4"		
100X	4"		
120X	5"		
125N	5"		
125X	5"		
150N	6"		
150X	6"		
168X	6.61"		
200X	8"		
250X	10"		
300X	12"		
AA0X	1-1/2"		
AB0X	1-1/2"		
AC0X	1-1/2"		
AL0X	1-1/2"		



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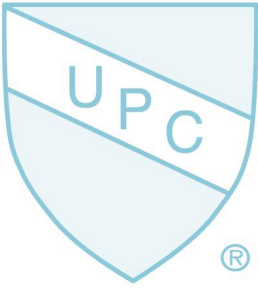
Void After: January 2011

Product: Longitudinally Welded Hot-Dip Galvanized  
Steel Pipe and fittings for Wastewater  
Systems

File No. 6197

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BA0X	2"
BABX	2"
BB0X	2"
BBBX	2"
BC0X	2"
BD0X	2"
BL0X	2"
CA0X	2-1/2"
CABX	2-1/2"
CB0X	2-1/2"
CBBX	2-1/2"
CC0N	2-1/2"
CC0X	2-1/2"
CD0X	2-1/2"
CE0X	2-1/2"
CL0X	2-1/2"
CM0X	2-1/2"
DA0X	4"
DB0X	4"
DBBX	4"
DC0N	4"
DC0X	4"
DCCX	4"
DD0N	4"
DD0X	4"
DE0X	4"
DF0X	4"
DG0X	4"
DM0X	4"
EB0X	5"
EC0X	5"
ED0X	5"
EDDX	5"
EE0X	5"
EF0X	5"



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Product: Longitudinally Welded Hot-Dip Galvanized  
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Systems

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Issued To: Loro- Josam Company

EG0X	5"
FC0X	6"
FD0X	6"
FDDX	6"
FE0X	6"
FEEX	6"
FF0X	6"
FG0X	6"
FH0X	6"
FK0X	6"
GD0X	8"
GE0X	8"
GF0X	8"
GG0X	8"
GH0X	8"
GK0X	8"
HD0X	10"
HE0X	10"
HF0X	10"
HG0X	10"
HH0X	10"
HK0X	10"
KD0X	12"
KE0X	12"
KF0X	12"
KG0X	12"
KH0X	12"
KK0X	12"
LL0X	1-1/4"
MB0X	3"
MC0X	3"
MD0X	3"
MM0N	3"
MM0X	3"