

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

Effective Date: September 2018

Void After: September 2019

Product: Shielded Transition Couplings

File No. 5794

Issued To: Cremco/Anaco
1001 El Camino Ave.
Corona, CA 92879-1704

Identification: Each clamp assembly and gasket shall be permanently marked with the manufacturer's name or U.S. registered trademark, country of origin, the pipe size and class for which it is designed. Each clamp assembly shall be labeled or permanently marked as to the material(s) for which it is intended. Product shall also bear the cUPC® certification mark. Markings shall be applied so as to be visible after installation.

Characteristics: Shielded Transition Couplings for use with dissimilar DWV pipe and fitting above ground. To be installed with IAPMO R&T listed pipe and fittings and in accordance with the manufacturer's instructions and 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®)


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. This document shall be reproduced in its entirety.



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National Plumbing Code of Canada
International Plumbing Code (IPC®)

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

ASTM C1460-2017 and CSA B602-2016



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MODELS:

Note: Models preceded by a "*" are in compliance with ASTM C1460-2012 and shall bear the UPC® certification mark only.

CREMCO®

<u>Model NO.</u>	<u>Description</u>
5010	1-1/2" CI, PL, ST to 1-1/2" PL or ST
5011	1-1/2" CI, PL, ST to 1-1/2" CU or 1-1/4" PL
5012	1-1/2" CI, PL, ST to 1-1/4" CU or 1" PL
5014	1-1/2" CI TO 3/4" PL, ST or 1" CU
5020	2" CI, PL, ST to 2" PL or ST
5021	2" CI, PL, ST to 2" CU
5022	2" CI, PL, ST to 1-1/2" CU or 1-1/4" PL
5023	2" CI, PL, ST to 1-1/2" PL or ST
5024	2" CI, PL, ST to 1-1/4" CU or 1" PL
5025	2" CI to 1" CU
5030	3" CI to 3" PL, ST or XH CI
5031	3" CI to 2" CU
5032	3" CI to 3" CU
5033	3" CI, PL, ST to 1-1/2" CU or 1-1/4" PL
5040	4" CI to 4" PL, ST or XH CI
5043	4" CI to 3" CU
5044	4" CI to 4" CU
5050	5" CI to 5" PL, ST or XH CI
5060	6" CI to 6" PL, ST or XH CI
5080	8" CI to 8" PL, ST or XH CI

Husky®

<u>Model No.</u>	<u>Description</u>
2101	2" C.I. to 1-1/2" Cu
2102	2" C.I. to 2" Cu
4101	2" C.I. to 1-1/2" Cu
4102	2" C.I. to 2" Cu
4202	1 1/2" CI to PL
4206	2" CI to PL
4208	3" CI to PL
4210	4" CI to PL
*4214	6" CI to 6" PL
*4216	8" CI to 8" PL
*4217	10" CI to 10" PL

BWT 150 1 1/2 TU - 1 1/2 TU



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C315	3" CI - 1 1/2" CI PL ST
C320	3" CI - 2" CI PL ST
C420	4" CI - 2" CI PL ST
C430	4 CI - 3 CI
C540	5 CI - 4 CI
C640	6 CI - 4 CI
K150	1 1/4" PL ST, 1 1/2" CU - 1 1/4" PL ST, 1 1/2" CU
K200	2 CU - 2" CU
K215	1 1/4" PL ST, 1 1/2" CU - 2 CU
K300	3 CU - 3 CU
K320	2 CU - 3 CU
K400	4 CU - 4 CU
KC215	2 CU - 1 1/2" PL ST CU
KC32	3 CU - 2 PL ST CI
KC43	4 CU - 3 CI
KT150	1 1/4" PL ST, 1 1/2" CU - 1 1/2" TU
KT215	2 CU - 1 1/2" TU
P100	1" PL ST, 1 1/4" CU - 1" PL ST, 1 1/4" CU
P300	3" PL ST XH - 3" PL ST XH
P400	4" PL ST XH - 4" PL ST XH
P430	4" PL ST XH - 3" PL ST XH
P600	6" PL ST XH - 6" PL ST XH
P800	8" PL ST XH - 8" PL ST XH
PC32	3" PL ST XH - 2" PL ST CI
PC43	4" PL ST XH - 3" CI
PK33	3" PL ST XH - 3" CU
T150	1 1/2" PL ST CI - 1 1/2" TU
T215	2" PL ST CI - 1 1/2" TU
TWC43	4" TWP - 3" CI
TWC44	4" TWP - 4" CI
TWP43	4" TWP - 3" PL ST XH
TWP44	4" TWP - 4" PL ST XH

CI=Cast Iron, PL=Plastic, ST=Steel, CU=Copper, TU=Tubular, XH=Extra Heavy



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ADDITIONAL COMPANY INFO:

Tianjin Kainuo Industrial Co., Ltd

<u>Model No.</u>	<u>Description</u>
CP150	1-1/2" CI, PL, ST to 1-1/2" PL or ST
CK115	1-1/2" CI, PL, ST to 1-1/2" CU or 1-1/4" PL
CK1125	1-1/2" CI, PL, ST to 1-1/4" CU or 1" PL
CK110	1-1/2" CI TO 3/4" PL, ST or 1" CU
CP200	2" CI, PL, ST to 2" PL or ST
CK22	2" CI, PL, ST to 2" CU
CK215	2" CI, PL, ST to 1-1/2" CU or 1-1/4" PL
CP215	2" CI, PL, ST to 1-1/2" PL or ST
CK2125	2" CI, PL, ST to 1-1/4" CU or 1" PL
CK210	2" CI to 1" CU
CP33	3" CI to 3" PL, ST or XH CI
CK32	3" CI to 2" CU
CK33	3" CI to 3" CU
CK315	3" CI, PL, ST to 1-1/2" CU or 1-1/4" PL
CP44	4" CI to 4" PL, ST or XH CI
CK43	4" CI to 3" CU
CK44	4" CI to 4" CU
CP55	5" CI to 5" PL, ST or XH CI
CP66	6" CI to 6" PL, ST or XH CI
CP88	8" CI to 8" PL, ST or XH CI