

# IAPMO RESEARCH AND TESTING, INC.

5001 East Philadelphia Street, Ontario, California 91761-2816 – USA • 909-472-4100 • 909-472-4244 • www.iapmort.org



NSF/ANSI 61

## 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.

This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at [pld.iapmo.org](http://pld.iapmo.org)

Effective Date: May 2019

Void After: May 2024

Product: Drinking Water System Components - Health Effects

File No. N-6705

Issued To: NACIONAL DE COBRE, S.A. DE C.V.  
Poniente 134 No. 719  
Col. Industrial Vallejo  
Del. Azcapotzalco  
Mexico City, DF 02300  
Mexico

Identification: Each product shall be permanently and legibly marked with the manufacturer's name or trademark. The product may also be marked with the standard designation "NSF/ANSI 61".

Characteristics: Materials or products that come into contact with drinking water and/or drinking water treatment chemicals. Products and materials may include process media, protective materials, joining and sealing materials, pipes and related products, mechanical devices used with treatment/transmission/distribution systems, and mechanical plumbing devices. To be installed in accordance with the manufacturer's instruction. Lead free requirements are addressed under a separate certificate of listing.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the

  
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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laboratory's compliance to the applicable requirements of ISO/IEC 17025.

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

NSF/ANSI 61-2018

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MODELS:

**Note: All products comply with Standard NSF 61, Section 4.**

**Nacobre - Hard drawn Types K, L & M in sizes:**

3/8"  
1/4"  
3/4"  
1"  
1-1/4"  
1-1/2"  
2"  
2-1/2"  
3"  
4"

**Red Brass Copper alloy Tube (C23000), H58 temper, SPS**

1/8"  
1/4"  
3/8"  
1/2"  
3/4"  
1"  
1-1/4"  
1-1/2"  
2"  
2-1/2"  
3"  
3-1/2"  
4"  
5"  
6"

**Red Brass Copper alloy Tube (C23000), O61 temper, SPS**

1/8"  
1/4"  
3/8"  
1/2"  
3/4"  
1"  
1-1/4"  
1-1/2"  
2"  
2-1/2"  
3"  
3-1/2"  
4"  
5"

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6"

**Soft annealed Types K & L in sizes:**

3/8"  
1/4"  
1/2"  
3/4"  
1"

<u>Model No.</u>	<u>Description</u>
100-06	COUPLING ROLL STOP 1/4
100-10	COUPLING ROLL STOP 3/8
100-13	COUPLING ROLL STOP 1/2
100-19	COUPLING ROLL STOP 3/4
100-25	COUPLING ROLL STOP 1
100-32	COUPLING ROLL STOP 1 1/4
100-38	COUPLING ROLL STOP 1 1/2
100-51	COUPLING ROLL STOP 2
101-06	COUPLING NO STOP 1/4
101-10	COUPLING NO STOP 3/8
101-13	COUPLING NO STOP 1/2
101-19	COUPLING NO STOP 3/4
101-25	COUPLING NO STOP 1
101-32	COUPLING NO STOP 1 1/4
101-38	COUPLING NO STOP 1 1/2
101-51	COUPLING NO STOP 2
101R-1310	COUPLING REDUCED 1/2
101R-1910	COUPLING REDUCED 3/4 X 3/8
101R-1913	COUPLING REDUCED 3/4 X 1/2
101R-2513	COUPLING REDUCED 1 X 1/2
101R-2519	COUPLING REDUCED 1 X 3/4
101R-3213	COUPLING REDUCED 1 1/4 X 1/2
101R-3219	COUPLING REDUCED 1 1/4 X 3/4
101R-3225	COUPLING REDUCED 1 1/4 X 1
101R-3813	COUPLING REDUCED 1 1/2 X 1/2
101R-3819	COUPLING REDUCED 1 1/2 X 3/4
101R-3825	COUPLING REDUCED 1 1/2 X 1
101R-3832	COUPLING REDUCED 1 1/2 X 1 1/4
101R-5125	COUPLING REDUCED 2 X 1
101R-5132	COUPLING REDUCED 2 X 1 1/4
101R-5138	COUPLING REDUCED 2 X 1 1/2
106-10	ELBOW 45° 3/8
106-13	ELBOW 45° 1/2
106-19	ELBOW 45° 3/4
106-25	ELBOW 45° 1
106-32	ELBOW 45° 1 1/4
106-38	ELBOW 45° 1 1/2
106-51	ELBOW 45° 2

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107-10	ELBOW 90° SHORT RADIUS 3/8
107-10L	ELBOW 90° LONG RADIUS 3/8
107-13	ELBOW 90° SHORT RADIUS 1/2
107-13L	ELBOW 90° LONG RADIUS 1/2
107-19	ELBOW 90° SHORT RADIUS 3/4
107-19L	ELBOW 90° LONG RADIUS 3/4
107-25	ELBOW 90° SHORT RADIUS 1
107-25L	ELBOW 90° LONG RADIUS 1
107-32	ELBOW 90° SHORT RADIUS 1 1/4
107-38	ELBOW 90° SHORT RADIUS 1 1/2
107-51	ELBOW 90° SHORT RADIUS 2
107R-1310	ELBOW 90° REDUCED 1/2 X 3/8
107R-1913	ELBOW 90° REDUCED 3/4 X 1/2
107R-2513	ELBOW 90° REDUCED 1 X 1/2
107R-2519	ELBOW 90° REDUCED 1 X 3/4
111-10	TEE 3/8
111-13	TEE 1/2
111-19	TEE 3/4
111-25	TEE 1
111-32	TEE 1 1/4
111-38	TEE 1 1/2
111-51	TEE 2
111-51	TEE 2
111R-515119	TEE REDUCED 2 X 2 X 3/4
111R-101013	TEE REDUCED 3/8 X 3/8 X 1/2
111R-131010	TEE REDUCED 1/2 X 3/8 X 3/8
111R-131013	TEE REDUCED 1/2 X 3/8 X 1/2
111R-131310	TEE REDUCED 1/2 X 1/2 X 3/8
111R-131319	TEE REDUCED 1/2 X 1/2 X 3/4
111R-191313	TEE REDUCED 3/4 X 1/2 X 1/2
111R-191319	TEE REDUCED 3/4 X 1/2 X 3/4
111R-191910	TEE REDUCED 3/4 X 3/4 X 3/8
111R-191913	TEE REDUCED 3/4 X 3/4 X 1/2
111R-191925	TEE REDUCED 3/4 X 3/4 X 1
111R-251313	TEE REDUCED 1 X 1/2 X 1/2
111R-251319	TEE REDUCED 1 X 1/2 X 3/4
111R-251325	TEE REDUCED 1 X 1/2 X 1
111R-251913	TEE REDUCED 1 X 3/4 X 1/2
111R-251919	TEE REDUCED 1 X 3/4 X 3/4
111R-251925	TEE REDUCED 1 X 3/4 X 1
111R-252513	TEE REDUCED 1 X 1 X 1/2
111R-252519	TEE REDUCED 1 X 1 X 3/4
111R-252532	TEE REDUCED 1 X 1 X 1 1/4
111R-321332	TEE REDUCED 1 1/4 X 1/2 X 1 1/4
111R-321919	TEE REDUCED 1 1/4 X 3/4 X 3/4
111R-321925	TEE REDUCED 1 1/4 X 3/4 X 1
111R-321932	TEE REDUCED 1 1/4 X 3/4 X 1 1/4
111R-322513	TEE REDUCED 1 1/4 X 1 X 3/8

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111R-322519	TEE REDUCED 1 1/4 X 1 X 3/4
111R-322525	TEE REDUCED 1 1/4 X 1 X 1
111R322532	TEE REDUCED 1 1/4 X 1 X 1 1/4
111R-323213	TEE REDUCED 1 1/4 X 1 1/4 X 1/2
111R-323219	TEE REDUCED 1 1/4 X 1 1/4 X 3/4
111R-323225	TEE REDUCED 1 1/4 X 1 1/4 X 1
111R-323238	TEE REDUCED 1 1/4 X 1 1/4 X 1 1/2
111R-381338	TEE REDUCED 1 1/2 X 3/8 X 1 1/2
111R-381919	TEE REDUCED 1 1/2 X 3/4 X 3/4
111R-381932	TEE REDUCED 1 1/2 X 3/4 X 1 1/4
111R-381938	TEE REDUCED 1 1/2 X 3/4 X 1 1/2
111R-382519	TEE REDUCED 1 1/2 X 1 X 3/4
111R-382525	TEE REDUCED 1 1/2 X 1 X 1
111R-382532	TEE REDUCED 1 1/2 X 1 X 1 1/4
111R-382538	TEE REDUCED 1 1/2 X 1 X 1 1/2
111R-383213	TEE REDUCED 1 1/2 X 1 1/4 X 1/2
111R-383219	TEE REDUCED 1 1/2 X 1 1/4 X 3/4
111R-383225	TEE REDUCED 1 1/2 X 1 1/4 X 1
111R-383232	TEE REDUCED 1 1/2 X 1 1/4 X 1 1/4
111R-383238	TEE REDUCED 1 1/2 X 1 1/4 X 1 1/2
111R-383813	TEE REDUCED 1 1/2 X 1 1/2 X 1/2
111R-383819	TEE REDUCED 1 1/2 X 1 1/2 X 3/4
111R-383825	TEE REDUCED 1 1/2 X 1 1/2 X 1
111R-383832	TEE REDUCED 1 1/2 X 1 1/2 X 1 1/4
111R-383851	TEE REDUCED 1 1/2 X 1 1/2 X 2
111R-511951	TEE REDUCED 2 X 3/4 X 2
111R-512525	TEE REDUCED 2 X 1 X 1
111R-512551	TEE REDUCED 2 X 1 X 2
111R-513232	TEE REDUCED 2 X 1 1/4 X 1 1/4
111R-513238	TEE REDUCED 2 X 1 1/4 X 1 1/2
111R-513251	TEE REDUCED 2 X 1 1/4 X 2
111R-513819	TEE REDUCED 2 X 1 1/2 X 3/4
111R-513825	TEE REDUCED 2 X 1 1/2 X 1
111R-513832	TEE REDUCED 2 X 1 1/2 X 1 1/4
111R-513838	TEE REDUCED 2 X 1 1/2 X 1 1/2
111R-513851	TEE REDUCED 2 X 1 1/2 X 2
111R-515113	TEE REDUCED 2 X 2 X 1/2
111R-515125	TEE REDUCED 2 X 2 X 1
111R-515132	TEE REDUCED 2 X 2 X 1 1/4
111R-515138	TEE REDUCED 2 X 2 X 1 1/2
117-06	CAP 1/4
117-10	CAP 3/8
117-13	CAP 1/2
117-19	CAP 3/4
117-25	CAP 1
117-32	CAP 1-1/4
117-38	CAP 1-1/2
117-51	CAP 2

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118-1310	COUPLING EXTENDED 1/2 x 3/8
118-1910	COUPLING EXTENDED 3/4 X 3/8
118-1913	COUPLING EXTENDED 3/4 X 1/2
118-2513	COUPLING EXTENDED 1 X 1/2
118-2519	COUPLING EXTENDED 1 X 3/4
118-3213	COUPLING EXTENDED 1 1/4 X 1/2
118-3219	COUPLING EXTENDED 1 1/4 X3/4
118-3225	COUPLING EXTENDED 1 1/4 X 1
118-3819	COUPLING EXTENDED 1 1/2 X 3/4
118-3825	COUPLING EXTENDED 1 1/2 X 1
118-3832	COUPLING EXTENDED 1 1/2 X 1 1/4
118-51-25	COUPLING EXTENDED 2 X 1
118-51-32	COUPLING EXTENDED 2 X 1 1/4
118-5138	COUPLING EXTENDED 2 X 1 1/2