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.

This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at pld.iapmo.org

Effective Date: October 2019 Void After: October 2024

Product: Wrought Copper Pressure Fittings File No. 4197

Issued To: Jungwoo Metal Ind. Co. Ltd

#71-30, Gamaksan-ro 199beon-gil, Nam-myeon

Yangju City, KYUNGGI-DO 11407

Korea

Identification: Fittings shall be permanently and legibly marked with the manufacturer's name

or trademark in accordance with MSS SP-25 and the UPC $^{\$}$ certification mark. Marking on fittings less than size 1/2 or on any fitting where it damages

soldering surfaces is not required.

Characteristics: Wrought copper and wrought copper alloy solder joint pressure fittings

designed for use with copper water tube. To be installed in accordance with the manufacturer's instructions, and the requirements of the latest edition $\frac{1}{2}$

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.

