

# 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.

Effective Date: February 2014 -Rev. 5/20/2014- Void After: February 2015

Product: Copper and Copper Alloy Press Connect Pressure Fittings File No. 8654

Issued To: Jungwoo Metal Inds. Co. Ltd.  
Nammyun Industrial  
Complex, 371 Guam-ri  
Nammyun, 482-872  
Yanggasi, KY KYUNGGI-DO  
Korea

Identification: Each fitting shall be permanently marked with the manufacturer's name or trademark, nominal size or sizes, and the UPC certification mark.

Characteristics: Copper press fittings with rubber O-rings to be used with copper water tube. The press joint is made with a special hydraulic compression tool. To be installed 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®)  
International Plumbing Code (IPC®)

  
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.



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

ASME B16.51-2011



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Issued To: Jungwoo Metal Inds. Co. Ltd.

### MODELS:

Roll Stop Coupling	P*P	1/2"
Roll Stop Coupling	P*P	3/4"
Roll Stop Coupling	P*P	1"
Roll Stop Coupling	P*P	1-1/4"
Roll Stop Coupling	P*P	1-1/2"
Roll Stop Coupling	P*P	2"
No Stop Coupling	P*P	1/2"
No Stop Coupling	P*P	3/4"
No Stop Coupling	P*P	1"
No Stop Coupling	P*P	1-1/4"
No Stop Coupling	P*P	1-1/2"
No Stop Coupling	P*P	2"
Extended Coupling	P*P	1/2"
Extended Coupling	P*P	3/4"
Extended Coupling	P*P	1"
Extended Coupling	P*P	1-1/4"
Extended Coupling	P*P	1-1/2"
Extended Coupling	P*P	2"
Cross Over	P*P	1/2"
Cross Over	P*P	3/4"
Cross Over	Ftg*P	1/2"
Cross Over	Ftg*P	3/4"
CAP	P	1/2"
CAP	P	3/4"
CAP	P	1"
CAP	P	1-1/4"
CAP	P	1-1/2"
CAP	P	2"



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Issued To: Jungwoo Metal Inds. Co. Ltd.

90° ELBOW	P*P	1/2"
90° ELBOW	P*P	3/4"
90° ELBOW	P*P	1"
90° ELBOW	P*P	1-1/4"
90° ELBOW	P*P	1-1/2"
90° ELBOW	P*P	2"
90° ELBOW	Ftg*P	1/2"
90° ELBOW	Ftg*P	3/4"
90° ELBOW	Ftg*P	1"
90° ELBOW	Ftg*P	1-1/4"
90° ELBOW	Ftg*P	1-1/2"
90° ELBOW	Ftg*P	2"
TEE	P*P*P	1/2"
TEE	P*P*P	3/4"
TEE	P*P*P	1"
TEE	P*P*P	1-1/4"
TEE	P*P*P	1-1/2"
TEE	P*P*P	2"
TEE	P*P*P	1/2"X1/2"X3/4"
TEE	P*P*P	3/4"X3/4"X1/2"
TEE	P*P*P	3/4"X3/4"X1"
TEE	P*P*P	1"X1"X1/2"
TEE	P*P*P	1"X1"X3/4"
TEE	P*P*P	1"X1"X1-1/4"
TEE	P*P*P	1-1/4"X1-1/4"X1/2"
TEE	P*P*P	1-1/4"X1-1/4"X3/4"
TEE	P*P*P	1-1/4"X1-1/4"X1"
TEE	P*P*P	1-1/2"X1-1/2"X1/2"
TEE	P*P*P	1-1/2"X1-1/2"X3/4"



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TEE	P*P*P	1-1/2"X1-1/2"X1"
TEE	P*P*P	1-1/2"X1-1/2"X1-1/4"
TEE	P*P*P	2"X2"X1/2"
TEE	P*P*P	2"X2"X3/4"
TEE	P*P*P	2"X2"X1"
TEE	P*P*P	2"X2"X1-1/4"
TEE	P*P*P	2"X2"X1-1/2"
TEE	P*P*P	3/4"X1/2"X3/4"
TEE	P*P*P	3/4"X1/2"X1/2"
TEE	P*P*P	1"X3/4"X3/4"
TEE	P*P*P	1"X1/2"X3/4"
TEE	P*P*P	1"X3/4"X1"
TEE	P*P*P	1"X1/2"X1"
TEE	P*P*P	1"X3/4"X1/2"
TEE	P*P*P	1-1/4"X1/2"X1-1/4"
TEE	P*P*P	1-1/4"X3/4"X1/2"
TEE	P*P*P	1-1/4"X3/4"X3/4"
TEE	P*P*P	1-1/4"X3/4"X1"
TEE	P*P*P	1-1/4"X3/4"X1-1/4"
TEE	P*P*P	1-1/4"X1"X1/2"
TEE	P*P*P	1-1/4"X1"X3/4"
TEE	P*P*P	1-1/4"X1"X1"
TEE	P*P*P	1-1/2"X3/4"X3/4"
TEE	P*P*P	1-1/2"X1"X3/4"
TEE	P*P*P	1-1/2"X1"X1"
TEE	P*P*P	1-1/2"X1"X1-1/2"
TEE	P*P*P	1-1/2"X1-1/4"X3/4"
TEE	P*P*P	1-1/2"X1-1/4"X1"
TEE	P*P*P	1-1/2"X1-1/4"X1-1/4"



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Issued To: Jungwoo Metal Inds. Co. Ltd.

TEE	P*P*P	1-1/2"X1/2"X1-1/2"
TEE	P*P*P	2"X1-1/4"X1-1/4"
TEE	P*P*P	2"X1-1/2"X3/4"
TEE	P*P*P	2"X1-1/2"X1"
TEE	P*P*P	2"X1-1/2"X1-1/4"
TEE	P*P*P	2"X1-1/2"X1-1/2"
TEE	P*P*P	2"X1-1/2"X2"
TEE	P*P*P	2"X1"X1"
TEE	P*P*P	2"X1"X2"
TEE	P*P*P	2"X1/2"X2"
Reducing Coupling	P*P	3/4"X1/2"
Reducing Coupling	P*P	1"X1/2"
Reducing Coupling	P*P	1"X3/4"
Reducing Coupling	P*P	1-1/4"X3/4"
Reducing Coupling	P*P	1/1/4"X1"
Reducing Coupling	P*P	1-1/2"X3/4"
Reducing Coupling	P*P	1-1/2"X1"
Reducing Coupling	P*P	1-1/2"X1-1/4"
Reducing Coupling	P*P	2"X1"
Reducing Coupling	P*P	2"X1-1/2"
Reducing Coupling	Ftg*P	3/4"X1/2"
Reducing Coupling	Ftg*P	1"X1/2"
Reducing Coupling	Ftg*P	1"X3/4"
Reducing Coupling	Ftg*P	1-1/4"X3/4"
Reducing Coupling	Ftg*P	1-1/4"X1"
Reducing Coupling	Ftg*P	1-1/2"X1/2"
Reducing Coupling	Ftg*P	1-1/2"X3/4"
Reducing Coupling	Ftg*P	1-1/2"X1"
Reducing Coupling	Ftg*P	1-1/2"X1-1/4"



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Reducing Coupling	Ftg*P	2"X1/2"
Reducing Coupling	Ftg*P	2"X3/4"
Reducing Coupling	Ftg*P	2"X1"
Reducing Coupling	Ftg*P	2"X1-1/4"
Reducing Coupling	Ftg*P	2"X1-1/2"
45° ELBOW	P*P	1/2"
45° ELBOW	P*P	3/4"
45° ELBOW	P*P	1"
45° ELBOW	P*P	1-1/4"
45° ELBOW	P*P	1-1/2"
45° ELBOW	P*P	2"
45° ELBOW	F*P	1/2"
45° ELBOW	F*P	3/4"
45° ELBOW	F*P	1"
45° ELBOW	F*P	1-1/4"
45° ELBOW	F*P	1-1/2"
45° ELBOW	F*P	2"
ADAPTER	P*M	1/2"
ADAPTER	P*M	3/4"
ADAPTER	P*M	1"
ADAPTER	P*M	1-1/4"
ADAPTER	P*M	1-1/2"
ADAPTER	P*M	2"
ADAPTER	P*M	1/2"X3/8"
ADAPTER	P*M	1/2"X3/4"
ADAPTER	P*M	3/4"X1/2"
ADAPTER	P*M	1"X1-1/4"
ADAPTER	P*M	1"X3/4"
ADAPTER	P*M	1-1/4"X1-1/2"



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ADAPTER	P*M	1-1/4"X1"
ADAPTER	P*M	1-1/2"X1-1/4"
ADAPTER	P*F	1/2"
ADAPTER	P*F	3/4"
ADAPTER	P*F	1"
ADAPTER	P*F	1-1/4"
ADAPTER	P*F	1-1/2"
ADAPTER	P*F	2"
ADAPTER	P*F	1/2"X3/4"
ADAPTER	P*F	1/2"X3/8"
ADAPTER	P*F	3/4"X1/2"
ADAPTER	P*F	1"X3/4"
ADAPTER	P*F	1-1/4"X1"
90° ELBOW	P*P	2-1/2"
90° ELBOW	P*P	3"
90° ELBOW	P*P	4"
90° ELBOW	Ftg*P	2-1/2"
90° ELBOW	Ftg*P	3"
90° ELBOW	Ftg*P	4"
CAP	P	2-1/2"
CAP	P	3"
CAP	P	4"
45° ELBOW	P*P	2-1/2"
45° ELBOW	P*P	3"
45° ELBOW	P*P	4"
45° ELBOW	Ftg*P	2-1/2"
45° ELBOW	Ftg*P	3"
45° ELBOW	Ftg*P	4"
TEE	P*P*P	2-1/2"





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Issued To: Jungwoo Metal Inds. Co. Ltd.

TEE	P*P*P	3"
TEE	P*P*P	4"
TEE	P*P*P	2-1/2" x 2" x 2"
TEE	P*P*P	2-1/2" x 2-1/2" x 1/2"
TEE	P*P*P	2-1/2" x 2-1/2" x 3/4"
TEE	P*P*P	2-1/2" x 2-1/2" x 1"
TEE	P*P*P	2-1/2" x 2-1/2" x 1-1/4"
TEE	P*P*P	2-1/2" x 2-1/2" x 1-1/2"
TEE	P*P*P	2-1/2" x 2-1/2" x 2"
TEE	P*P*P	3" x 3" x 1/2"
TEE	P*P*P	3" x 3" x 3/4"
TEE	P*P*P	3" x 3" x 1"
TEE	P*P*P	3" x 3" x 1-1/4"
TEE	P*P*P	3" x 3" x 1-1/2"
TEE	P*P*P	3" x 3" x 2"
TEE	P*P*P	3" x 3" x 2-1/2"
TEE	P*P*P	4" x 4" x 1/2"
TEE	P*P*P	4" x 4" x 3/4"
TEE	P*P*P	4" x 4" x 1"
TEE	P*P*P	4" x 4" x 1-1/4"
TEE	P*P*P	4" x 4" x 1-1/2"
TEE	P*P*P	4" x 4" x 2"
TEE	P*P*P	4" x 4" x 2-1/2"
TEE	P*P*P	4" x 4" x 3"
Roll Stop Coupling	P*P	2-1/2"
Roll Stop Coupling	P*P	3"
Roll Stop Coupling	P*P	4"
No Stop Coupling	P*P	2-1/2"
No Stop Coupling	P*P	3"



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No Stop Coupling	P*P	4"
ADAPTER	P*M	2-1/2"
ADAPTER	P*M	3"
ADAPTER	P*M	4"
Reducing Coupling	Ftg*P	2-1/2" x 1"
Reducing Coupling	Ftg*P	2-1/2" x 1-1/4"
Reducing Coupling	Ftg*P	2-1/2" x 1-1/2"
Reducing Coupling	Ftg*P	2-1/2" x 2"
Reducing Coupling	Ftg*P	3" x 1-1/4"
Reducing Coupling	Ftg*P	3" x 1-1/2"
Reducing Coupling	Ftg*P	3" x 2"
Reducing Coupling	Ftg*P	3" x 2-1/2"
Reducing Coupling	Ftg*P	4" x 2"
Reducing Coupling	Ftg*P	4" x 2-1/2"
Reducing Coupling	Ftg*P	4" x 3"
Reducing Coupling	P*P	2-1/2" x 1"
Reducing Coupling	P*P	2-1/2" x 1-1/4"
Reducing Coupling	P*P	2-1/2" x 1-1/2"
Reducing Coupling	P*P	2-1/2" x 2"
Reducing Coupling	P*P	3" x 1-1/2"
Reducing Coupling	P*P	3" x 2"
Reducing Coupling	P*P	3" x 2-1/2"
Reducing Coupling	P*P	4" x 2"
Reducing Coupling	P*P	4" x 2-1/2"
Reducing Coupling	P*P	4" x 3"