

# Certification of Press-Connect Fittings

Achieve Compliance with IAPMO/ANSI/CAN Z1117 and ASME B16.51 Standards

CSA Group offers certification services for press-connect fittings, testing your products to the rigorous requirements set by IAPMO/ANSI/CAN Z1117 and ASME B16.51 standards. Our certification expertise will give you the confidence to bring your press-connect fittings to market with reliability and excellence.

## Who do these standards impact?

These standards impact plumbing manufacturers of copper, copper alloy, carbon steel, and stainless-steel press-connect fittings.

## How do these standards apply to my product?

- IAPMO Z1117 covers press connections with copper, copper alloy fittings (type K, L, M copper tube), carbon steel fittings (schedule 10, 40), and stainless-steel fittings (Schedule 5, 10, 40 pipes).
- ASME B16.51 covers press-connect fittings made of cast copper, wrought copper, and wrought copper alloy. It is designed for use with hard-drawn seamless copper tube (ASTM B88) in water conveying piping systems. The system has a maximum pressure rating of 1380 kPa from 0 °C to 93 °C.
- These standards provide additional options to enhance your product offerings and meet industry demands.

## At-A-Glance



CSA Group offers certification services for press-connect fittings, testing your products to the rigorous requirements set by IAPMO/ANSI/CAN Z1117 and ASME B16.51 standards.



Our experts will work closely with you to understand your requirements, address any concerns, and help you navigate the complex landscape of certification requirements.



By partnering with CSA Group, you gain access to our extensive industry knowledge, technical expertise, and global recognition

## How CSA Group can help navigate press-connect fittings certification requirements

At CSA Group, we understand the importance of supporting manufacturers like you in every step of the certification process. We are committed to helping you achieve compliance and meet industry standards. Our press-connect fittings certification services are designed to provide you with additional options that allow you to expand your offerings and meet the evolving needs of the market.

We recommend initiating a dialogue with CSA Group experts during the early stages of the certification process so we can better help you navigate the applicable standards for your product. By engaging with us early on, we can provide guidance and support tailored to your specific needs, ensuring a smoother and more efficient certification journey. Our experts will work closely with you to understand your requirements, address any concerns, and help you navigate the complex landscape of certification requirements.

By partnering with CSA Group, you gain access to our extensive industry knowledge, technical expertise, and global recognition. We are dedicated to your success in the marketplace by helping you confirm that your products meet applicable performance and safety requirements.



### Let's work together

Put CSA Group's industry-leading knowledge and experience to work for you.

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