

FAUCET AND ACCESSORY TESTING AND CERTIFICATION



Faucets are required to meet strict performance standards in most countries to ensure they are safe, are leak-proof and do not have excessive flow rates. These standards ensure faucets and their components can withstand stresses over time and that they don't leach harmful contaminants into drinking water.

NSF International provides the testing and certification needed for faucets and their components to gain product acceptance and compliance across North America, the UK, Australia and other global markets.

NORTH AMERICAN REQUIREMENTS

NSF/ANSI 61: *Drinking Water System Components – Health Effects* – A standard setting health effects criteria for many water system components. The standard also requires compliance with allowable lead levels defined in the U.S. Environmental Protection Agency (EPA) Safe Drinking Water Act (SDWA).

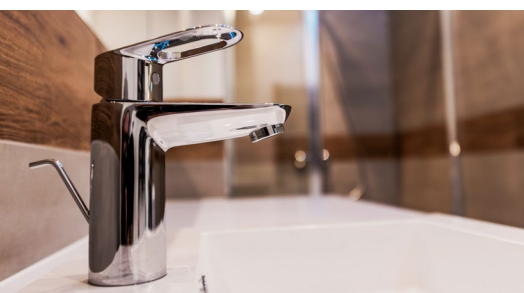
Mechanical plumbing devices that are typically installed within the last liter of the distribution system, like faucets and related components, are addressed in Section 9 of NSF/ANSI 61.

NSF/ANSI 372: *Drinking Water System Components – Lead Content* – A standard for determining a product's weighted average lead content

ASME A112.18.1/CSA B125.1 – A standard covering the design requirements of plumbing supply fittings, including proper backflow prevention. It also contains performance requirements and test procedures

WaterSense – A program developed by the U.S. Environmental Protection Agency (EPA) that measures water efficiency and flow rate

California Energy Commission (CEC) – The CEC requires strict flow rate testing and registration of faucets to ensure they meet California water conservation laws.



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AUSTRALIA

AS/NZS 3718 – The standard for tap ware in Australia, forming the basis for WaterMark certification, which is mandatory. This standard contains tests for performance and durability and also requires conformance to AS/NZS 4020.

AS/NZS 4020 – The standard for material effects on water quality

EUROPE

BS EN 200 – European standard covering performance testing of faucets with non-rising, rising spindle or quarter turn headworks

UNITED KINGDOM

WRAS Approvals – A standard demonstrating a product's compliance with the Water Supply (Water Fittings) Regulations or Scottish Water Byelaws

- > WRAS Product Approval: Mechanical and water quality testing for whole products
- > WRAS Material Approval: Water quality testing for non-metallic materials and components

BS 6920 – A British standard designed to test non-metallic materials for both health and aesthetic effects

ITALY

Origine e Qualita Controllata (OQC) – A voluntary registration process for Italian manufacturers to demonstrate product quality and confirm production location based in Italy

WHY CHOOSE NSF TO CERTIFY YOUR FAUCETS AND ACCESSORIES?

NSF International is the world leader in testing and certification for faucets and accessories, as well as other water distribution and treatment technologies. Some of the benefits you receive when working with NSF include:

- > Bundled services, which save time and money
- > Project tracking feature, allowing better visibility on work orders
- > Use of the NSF mark, which is recognized and accepted worldwide
- > In-house labs, making for quicker turnaround times on your projects

DID YOU KNOW?

Use of the NSF mark or NSF certification claims is an opportunity exclusive to those that get certified by NSF International.

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