



# TECHNICAL REQUIREMENTS OF NSF/ANSI 44

## Cation Exchange Water Softeners

NSF/ANSI 44 is the American National Standard that establishes minimum requirements for certification of residential cation exchange water softeners that reduce hardness caused by calcium and magnesium ions from public or private water supplies. These minerals are then replaced with sodium or potassium ions, depending on the regenerant used. Cation exchange resins regenerated with sodium chloride or potassium chloride salt are covered by NSF/ANSI 44. By certifying to this standard, your customers can gain peace of mind that your product performs as claimed.

### NSF/ANSI 44 SCOPE

The scope of NSF/ANSI 44 includes:

- Reduction of hardness and specific contaminants from a known quality source
- Material safety
- Structural integrity
- Pressure drop
- Softening capacity and rinse effectiveness
- Accuracy of brine system
- Accuracy of information provided to end users

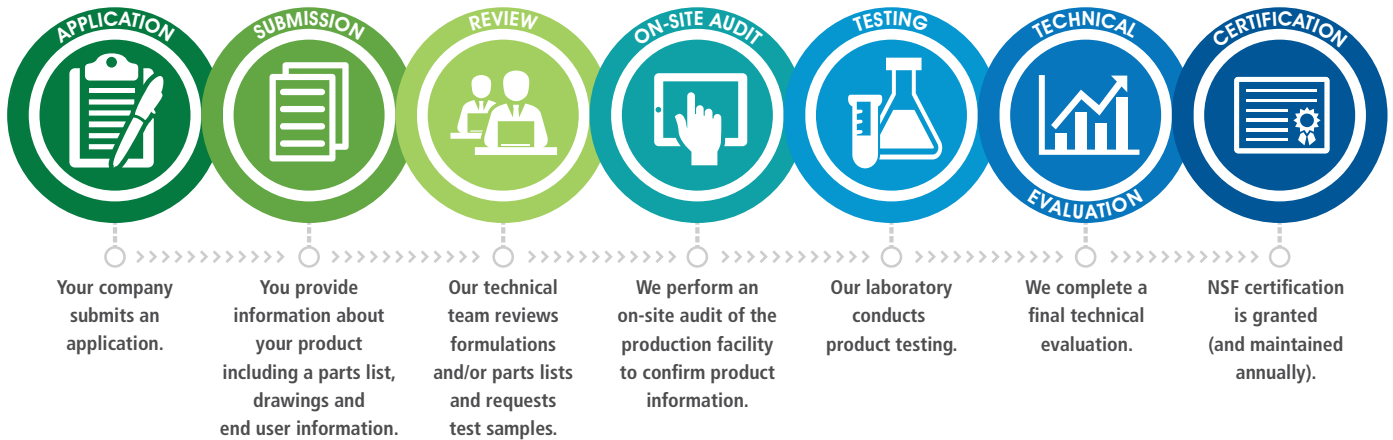
## THE MOST COMMON ELECTIVE CLAIMS INCLUDE:

- ✔ Barium reduction
- ✔ Radium 226/228 reduction
- ✔ Efficiency of salt and water consumptions



# WHAT YOU CAN EXPECT WHEN GETTING CERTIFIED TO NSF/ANSI 44

When you're ready to become certified, NSF International makes it easy by breaking the process into seven simple steps:



## WHY CERTIFY TO NSF/ANSI 44?

- > Provides proof that your product does not add harmful levels of contaminants into drinking water
- > Validates materials, structural integrity and performance claims
- > Demonstrates that your product meets California efficiency requirements of 4,000 grains per pound of regenerated salt

## WHY CHOOSE NSF?

NSF International is committed to protecting human health worldwide and facilitated the development of the American National Standards for all materials and products that treat or come in contact with drinking water. We are dedicated to the utmost integrity in testing and certification, and provide:

- ✔ **Dedicated account managers**, giving you a single point of contact
- ✔ **Expert technical staff** who ensure your product is evaluated accurately
- ✔ **In-house laboratories** to provide a higher level of quality control and better scheduling of testing

## NSF INTERNATIONAL

E [water@nsf.org](mailto:water@nsf.org) | [www.nsf.org](http://www.nsf.org)