

CERTIFICATION FOR REVERSE OSMOSIS ELEMENTS



NSF International is an accredited, independent certification body that works with public health officials, manufacturers and facility operators to facilitate standards development and that, separately, evaluates products. Our testing and certification services ensure that your reverse osmosis (RO) elements meet the regulatory and standard requirements in North America.

NSF has facilitated the development of standards for all sizes and end uses of RO elements. Depending on the RO element type, testing and certification falls under the scope of two main industry standards: NSF/ANSI 58 and NSF/ANSI/CAN 61.

TESTING AND CERTIFICATION OF RO ELEMENTS

NSF/ANSI 58: *Reverse Osmosis Drinking Water Treatment Systems and Elements*

- > The American National Standard for point-of-use (POU) RO systems and elements
- > Designed to reduce contaminants that may be present in public or private drinking water

NSF/ANSI/CAN 61: *Drinking Water System Components – Health Effects*

- > Covers products used in the treatment and distribution of drinking water (including RO elements)
- > Evaluates the health effects of contaminants that may be contributed to drinking water from the materials in the treatment or distribution equipment

RO ELEMENT STANDARD AND TESTING

TYPE OF RO ELEMENT	NSF STANDARD/PROTOCOL	TESTING
Point-of-use (POU) RO element	NSF/ANSI 58	<ul style="list-style-type: none">✓ Material safety (required)✓ Structural integrity (if encapsulated)✓ Data transfer (optional) <div>Allows for RO element contaminant reduction claims to be tested and the data to be transferred to RO systems using the RO element.</div>
Municipal RO element	NSF/ANSI/CAN 61	✓ Material safety (required)
Point-of-entry (POE) RO element		





WHY NSF

The NSF mark verifies that your RO product can do what it claims to do. In addition to our mark being globally recognized and trusted, we also offer the added benefits of:



Increasing your marketability to your customers, since we have the largest market recognition for certification of RO products



A dedicated account manager you can easily contact for all your needs



State-of-the-art labs, owned and operated by us internationally



Listings in NSF's online certified products and systems pages, increasing the visibility of your products



NSF Connect: Our cloud-based portal that lets you manage and track your product's progress throughout the testing and certification process

NSF INTERNATIONAL

E water@nsf.org | www.nsf.org