



NSF/ANSI 58: REVERSE OSMOSIS DRINKING WATER TREATMENT SYSTEMS

Whether you have a need for compliance, a desire to reach new markets or simply want trusted independent testing of your reverse osmosis system, NSF/ANSI 58 is the right choice for you. This standard, developed by a team of water quality experts, establishes the minimum requirements for the certification of point-of-use (POU) reverse osmosis systems designed to reduce contaminants that may be present in public or private drinking water. Various components of the system's design and performance are measured through stringent testing and evaluation.

The scope of this standard includes structural integrity, material safety, total dissolved solids (TDS) reduction and other optional contaminant reduction claims. The most common optional claims addressed by this standard include cyst reduction, hexavalent and trivalent chromium reduction, arsenic reduction, nitrate/nitrite reduction, cadmium and lead reduction.

NSF certification to this standard is a sign to regulators, consumers and stakeholders alike that your RO system is safe and performs as claimed.

Where are products tested?

Products up for NSF certification are tested in one or more of our suite of state-of-the-art laboratories. These include engineering and performance testing labs, chemistry and exposure labs and drinking water labs with computer controlled testing rigs for all types of POU products. Though NSF has laboratories around the world, the majority of our RO system testing takes place at the NSF headquarters in Ann Arbor, Michigan.

For additional information about this standard or NSF certification, please contact americas@nsf.org.

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