YOUR TRUSTED PARTNER FOR PLASTICS CERTIFICATION

WHO WE ARE

NSF International is a global leader in independent, third-party testing and certification of plastic ingredients, materials, fittings and piping. We are a public health and safety organization that helps manufacturers around the globe demonstrate that their products meet structural and safety requirements and perform as claimed.

Our global network allows our clients access to emerging markets like Brazil, China, India, the Middle East and Africa.

Testing and certification ensure you comply with all major building, plumbing and mechanical codes and help you achieve your business goals, whether it's market access, product differentiation, quality assurance, or research and development.

OUR SERVICES

If you manufacture plastic ingredients, materials, fittings and/or pipes, certification is often a regulatory or customer requirement. No matter what requirements your product must meet, NSF works with you to ensure you can bring your product to market quickly and efficiently.

Our services for the plastic industry include:

> PLASTIC PIPING CERTIFICATION (NSF/ANSI 14)

NSF/ANSI 14: *Plastics Piping System Components and Related Materials* is a standard evaluating the performance and health effects for plastic piping systems. Plastic products are heavily regulated and are required to comply with this standard to be sold in North America.

> DRINKING WATER CONTACT CERTIFICATION (NSF/ANSI 61)

NSF/ANSI 61: *Drinking Water System Components – Health Effects* is a standard evaluating health effects of distribution system components in contact with drinking water.

> R&D AND SPECIAL SERVICES

When you need custom research and development work for your plastic products, NSF has you covered. Our team of research engineers can help create custom projects for your specific R&D needs.

PLASTIC PRODUCTS WE CERTIFY

- Plastic pipes
- Fittings
- Valves
- Metal fittings and components
- Manifolds
- Solvent cements
- Thread sealants
- PVC ingredients
- Plastic materials
- Cured-in-place pipes (CIPPs)
- Gaskets

U.S. ACCEPTANCE

Certification to NSF/ANSI 14 is required by all major plumbing codes including the Uniform Plumbing Code, the National Standard Plumbing Code, and the International Plumbing and Residential Code.

Certification of plastic piping system components to NSF/ANSI 14 is **required** in 47 U.S. states and **accepted** in all 50 U.S. states.

Certification to NSF/ANSI 14 required

Certification to NSF/ANSI 14 accepted, but not required

**Local requirements may still apply*

CANADIAN ACCEPTANCE

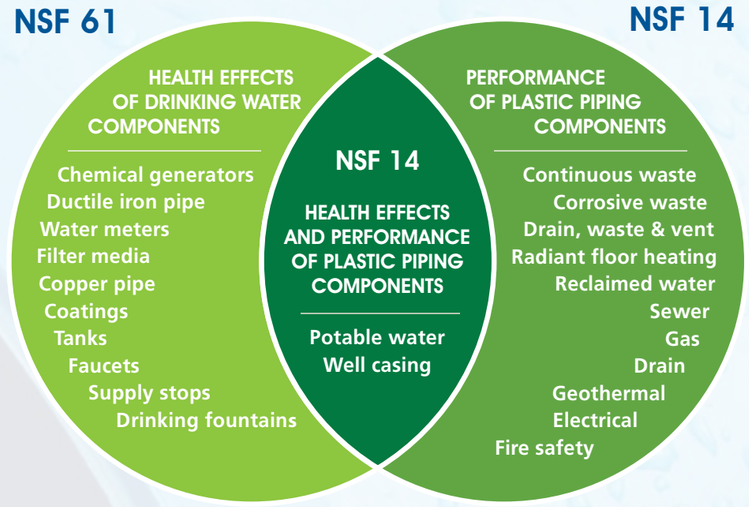
The cNSF mark demonstrates certification to Canadian standards and is accepted in all Canadian provinces/territories.

NSF International is accredited by Standards Council of Canada as a:

- Certification organization
- Testing organization
- Standards development organization for Canada

THE DIFFERENCE BETWEEN NSF/ANSI 61 AND NSF/ANSI 14

While NSF/ANSI 61 establishes minimum health effects requirements for the chemical contaminants and impurities that are directly imparted to drinking water from products, components and materials used in drinking water systems, this standard does not establish any performance requirements. NSF/ANSI 14 establishes minimum physical, performance and health effects requirements for plastics piping system components and related materials.



WHAT PEOPLE ARE SAYING

"NSF has helped us to consolidate listing needs through availability of U.P. Code certification, which was an excellent way for us to cut down the number of certification organizations we worked with."

– Steve Kerr, Spears Manufacturing

CERTIFICATION PROCESS

NSF International is the plastic industry's leading testing and certification organization, with proven experience in certifying the plastic pipes and fittings used in today's global applications. From drinking water to radiant floor heating systems, our experts can help ensure your products are tested and certified to the appropriate standards for your distribution needs.

Your company submits an application.

You provide product formulation, toxicology and product use information.

Our technical team reviews formulations and/or parts lists.

We perform an on-site audit of the production facility and collect/request samples.

Our laboratory conducts testing.

We complete a final technical evaluation.

NSF certification is granted (and maintained annually).

WHY WORK WITH NSF INTERNATIONAL?

When you work with NSF, you can expect:

- Dedicated, highly-trained account managers who focus on the success of your product certifications
- Unmatched technical expertise
- Worldwide network of accredited laboratories
- Use of the internationally recognized and accepted NSF mark
- Bundled services, to save time and money
- Quick turnaround times
- Online project tracking, allowing 24/7 visibility of your project status

R&D AND SPECIAL TESTING SERVICES

Separate from certification, NSF International offers consulting and R&D services to help your company complete routine or unique projects required for your specific product type.

Some examples of custom testing include oxidation testing under applied stress, chlorine and chloramine testing for rubber material, pressure testing such as long-term hydrostatic strength (LTHS), slow crack growth (SCG) validation, rapid crack propagation (RCP) testing, minimum required strength (MRS) and testing for large-diameter plastic pipe.

CONTACT US

NSF INTERNATIONAL HEADQUARTERS
789 N. Dixboro Road, Ann Arbor, MI 48105 USA
T +1 734 769 8010
E americas@nsf.org

Europe
Ikaroslaan 79, 1930 Zaventem, Belgium
+32 27 713 654 | europe@nsf.org

Asia
Alma Link Building, 8th Floor
25 Soi Chidlom, Ploenchit Rd, Bangkok,Thailand
+66 2 650 3080 | asia@nsf.org

www.nsf.org

Produced with PEFC and FSC certified paper. Please recycle.

LPP-1343-0518