

**NSF
Certification
for Suction
Fittings and
Main Drains**



Ensure VGB Compliance for Suction Fittings and Main Drains

Get NSF Certified to APSP/ANSI-16 (formerly ANSI/ASME A112.19.8) and NSF/ANSI Standard 50

Safety is a critical issue for the recreational water industry, particularly with suction fittings and main drains. The Virginia Graeme Baker Pool and Spa Safety Act mandates that drains be tested and certified to APSP/ANSI-16. Protect your brand and ensure your products are certified by NSF, the name public health officials have known and trusted since 1944.

Certification Requirements

NSF has complete in-house testing and engineering expertise to address your needs, such as testing and certification of products with flow rates up to 6,000 GPM (Gallons Per Minute) or 8.6 MGD (Million Gallons per Day).

When NSF certifies main drains and suction fittings to NSF 50 and APSP/ANSI-16, we address the following variables to ensure a comprehensive conformity assessment:

- Physical evaluation - product markings and drawings
- Installation hardware - fasteners, collars, adapters and dimensions
- Materials - formulation review, polymers, pigments, coatings and metals
- UV conditioning, strength tensile and impact strength of polymeric materials
- Sump design - test with manufacturer specified sump(s) or with field built sump compliant with APSP/ANSI-16
- Orientation - wall and/or floor
- Various load/impact/pull testing to assess durability and strength
- Head loss curve validation
- Hair entrapment and body block testing
- Finger and limb entrapment testing
- Packaging - installation and use instructions

NSF/ANSI Standard 50 certification of drains and suction fittings includes evaluation or testing of materials for health safety via toxicology evaluation, chemical and color leachate extraction testing. NSF further protects public health and safety through annual unannounced inspections at the production facility.



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NSF - 50
ANSI/APSP -16
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Certification Benefits

Manufacturer benefits:

- NSF Mark recognition – allows faster market access and expedited regulatory acceptance
- Third-party confirmation – can reduce potential liability issues
- A dedicated NSF project manager who will provide excellent service and keep your project moving swiftly through the certification process
- Ongoing support related to technical development and regulatory requirements

Benefits for public health inspectors and consumers:

- All products comply with rigorous and relevant evaluation and testing requirements
- Simple verification of a product's listing status at www.nsf.org/info/listings. Find product type, product trade name, manufacturer name and location for all NSF-certified products
- A Regulatory Assistance Hotline (877.867.3435) and Consumer Hotline (888.99.SAFER) for additional support

As a renowned leader in water safety and a World Health Organization (WHO) Collaborating Centre in the area of recreational water safety, NSF has the in house capacity, knowledge and expertise to serve your certification needs each step of the way. Ask us how your company can get started today.

NSF Value-Added Services

- Various certification services - NSF/ANSI Standard 50 as well as ASTM, ASME, APSP, CSA, and other standards
- Your one-stop shop – to save time and money for all your pool, spa, and recreational water testing and certification services
- 150,000 square feet of in-house laboratory services – to perform all your testing for performance, microbiology, chemistry, health effects and toxicity, etc.
- Expedited turnaround times – evaluation and field testing services at your location
- Custom R&D testing services and standards development – perfect for validating new products and technologies and introducing them to the market

NSF International has the qualifications and reputation to help your business meet the needs of the market and get the recognition and acceptance that is critical to your company's success.

Contact Us

For further information or to arrange a meeting please contact email pools@nsf.org or call us at +1.734.769.8010.

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