

## NSF 61

### 行业

如果水含有的任何微生物、寄生虫或其他物质的数量不足以对人类健康构成潜在威胁，则将其归类为饮用水。

与饮用水接触的产品材料可能会导致微生物生长并产生杂质/污染物，从而造成严重的健康风险，对环境产生威胁。

其感官特性必须为消费者所接受，包括澄清度、透明度，需为无色、无异味。

### 认证详情

NSF/ANSI 标准 61 (NSF-61) 是一套与水处理相关的美国和加拿大国家标准。它对接触饮用水或支持其生产的产品的设备制定了严格的控制要求。

市场领导者都在努力获得 NSF 认证，以此作为与竞争对手相区分的标志，从而向他们的客户保证该产品可安全用于饮用水。

这些测试内容从使用不同 pH 值的水来做基本冷水试验到更具挑战性的化学认证。

NSF 认证与认证的具体产品、过程或服务相关，因而流程可能有所不同，但通常遵循七个步骤：

- 申请和信息提交；
- 产品评估；
- 实验室产品测试；
- 制造设施检查、生产确认和产品取样；
- 测试结果审查和验收；
- 签订合同，列出产品；
- 工厂年检和重新测试。

### 获得认证的材料

- fluteck™ P 1000
- fluteck™ P 1500

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### Industry

Water is classified as drinking when it doesn't contain any microorganism, parasites or other substances, in such a quantity to represent a potential danger to human health.

The product materials in contact with drinking water can generate microbial growth and impurities/contaminants. This creates a serious health risk and a threat to the environment.

Its organoleptic characteristics must be acceptable to the consumers, including clarity, transparency, the absence of colors and any anomalous odors.

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### Certification Details

NSF/ANSI Standard 61 (NSF-61) is a set of US and Canada national standards, related to water treatment. It establishes stringent requirements for the control of equipment, that come in contact with drinking water or products that support its production.

Market leaders strive to attain NSF certification as a distinction's mark, assuring their customers that the product is safe for being used in drinking water.

The tests vary from a basic cold-water test, using water at different pH levels, to a more challenging chemical certification.

The NSF certification process can be different because it is related to a specific product, process or service being certified, but generally follows seven steps:

- Application and information submission;
  - Product evaluation;
  - Product testing in lab;
  - Manufacturing facility inspection, production confirmation and product sampling;
  - Test results review and acceptance;
  - Contract signed and products listed;
  - Annual plant inspection and retesting.
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### Certified Materials

- fluteck™ P 1000
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