

Physical & Mechanical Testing Services

Strength, Performance,
and Durability Testing
for Over 30 Years



Serving Material and Product
Manufacturers



The Public Health and Safety Company™

NSF International

NSF evaluates over 4,000 products and materials every year in its Physical & Mechanical Testing Laboratory. These products are evaluated for material properties, performance and safety of the finished product.

Evaluation Services

Evaluations can take various forms, depending on what will best meet the needs of the customer. Some of the NSF evaluation services are:

- Testing to most recognized standards
- Test Method Development
- Protocol development
- Witness testing at the client's facility
- Consulting
 - Failure analysis
 - QC procedures

Material & Product Testing

NSF performs a wide variety of testing for customers in a broad range of industries. These include:

- Low and high temperature performance
- Hydraulic pressure, i.e. cyclic, burst, long term sustained
- Failure analysis
- Material comparisons by type and/or supplier
- Tensile / compressive / flexural properties
- Fatigue
- Creep
- Izod and charpy impact
- Structural integrity
- Chemical extraction
- Surface and interfacial tension
- Surface roughness
- Corrosion resistance
- Coatings abrasion and wear resistance
- Viscosity
- High heat distortion
- Low temperature brittleness
- Cleanability
- Composition
- Extensive Polymer capabilities
- Electrical and electrical safety

Physical & Mechanical Testing Services

Benefits of NSF Testing

- International recognition
- Staff is experienced with North American, European, and Asian requirements
- Timely, personalized assistance
- Reports that are ISO 17025 compliant and signed by a Professional Engineer
- Highly skilled staff ... most with advanced degrees in technical disciplines
- Physical & Mechanical Testing is supported by in-house state-of-the-art Chemistry and Microbiology Labs

Accreditations, Certifications and Recognitions

- American National Standard Institute (ANSI)
- International Association of Plumbing and Mechanical Officials (IAPMO)
- Board of Building Standards
- International Conference of Building Officials (ICBO)
- Building Officials and Code Administrators International, Inc. (BOCA)
- American Society of Sanitary Engineering (ASSE)
- Southern Building Code Congress International, Inc. (SBCCI)
- City of Los Angeles, CA
- Standard Council of Canada (SCC)
- State of Oregon
- Occupational Safety and Health Administration (OSHA)
- Recreation Vehicle Industry Association (RVIA)

NSF Actively Participates in the Development and Evaluation of New and Existing Standards. These include:

- ASTM • NFPA • CSA • AWWA • ISO • ANSI • ASSE • SAE • ASME • NSF • IAPMO • UL



*The Public Health & Safety Company*TM

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