



UA WATER QUALITY PROGRAM

MARCH 2021

To Register Contact:

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Four training modules offered for:

WQP Fundamentals
UA Contractor Partners
UA Craftsmen

WQP Plumbing
UA Plumbers

WQP Fire Protection
UA Sprinkler Fitters

WQP Mechanical
UA Pipefitters and
Service Techs

Two ASSE
Certifications for:

Contractor Partners
Project Managers
Administrators

UA Craftsmen
Plumbers
Sprinkler Fitters
Service Techs
Pipefitters



INVITATION FOR UA SIGNATORY CONTRACTORS *WATER QUALITY FUNDAMENTALS and ASSE 12000 Certification*

WEBINAR: **March 9, 2021** **8:00am–4:30pm**

Healthcare facilities and all office buildings are required to implement a water management plan to protect the building occupants. UA Water Quality Fundamentals is designed to introduce and inform the attendee about the risk assessment process for every piped systems in every building. This program is the field delivery method for compliance with ASHRAE 188-2018. UA Signatory Contractors and all UA crafts can participate after they become ASSE 12000 Certified. All participants will learn about the UA Water Quality Program, regulatory approved language, documentation, and appropriate dispatch procedures to support this very important initiative.

EVENT FEES:

UA Bookstore Item # 1440 Application Handbook and Sampling Kit.....\$ 155
Online ASSE Exam.....\$ 120

Additionally, ASHRAE 188 and ASHRAE 12 will be discussed each day. These documents may be acquired at: <https://www.ashrae.org/technical-resources/standards-and-guidelines>
It is recommended that attendees gain access to the latest documents. It is not required for you to be an ASHRAE member in order to purchase either a standard or a guideline.

Payment forms for Item #1440 and the ASSE Exam will be available upon enrollment.

PRESENTED BY:

Aaron Stockwell
Executive Director

Derrick Kualapai
International Representative

Kurt Steenhoek
International Representative

Preston Riehl
Chief Executive Officer



Apprentice & Journeymen Training Trust Fund
of the Southern California Plumbing & Piping Industry

KEYNOTE SPEAKER: Dr. Janet E. Stout

Dr. Janet E. Stout is president and director of Special Pathogens Laboratory, and research associate professor at the University of Pittsburgh Swanson School of Engineering in the Department of Civil and Environmental Engineering.

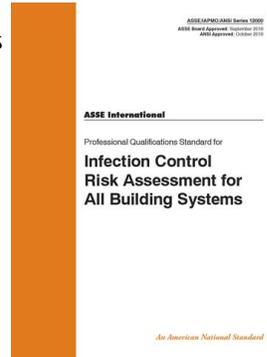


Internationally recognized for pioneering research in *Legionella*, her expertise includes disinfection and control strategies for the prevention of Legionnaires' disease and other waterborne pathogens. Dr. Stout is credited as the first to demonstrate the link between the presence of *Legionella* in hospital water systems and Legionnaires' disease. This seminal discovery shifted the focus from cooling towers to water distribution systems as the primary source for Legionnaires' disease. Published in the *New England Journal of Medicine* in 1982, her findings changed the direction of research and expanded the water treatment industry's approach to controlling *Legionella*. To date, Dr. Stout has evaluated every major *Legionella* disinfection technology used today.



ASSE/IAPMO/ANSI Series 12000-2018, Professional Qualifications Standard for Infection Control Risk Assessment for All Building Systems, addresses the need for construction and maintenance personnel to become proficient in identifying and managing potential situations where they may be exposed to pathogens, diseases and hazards.

12060 - Water Quality Program Professional Qualifications Standard for Employers and Designated Representatives Provides general knowledge of developing and implementing a water systems risk management program.



Water Quality Fundamentals: Program Outline

DATE/TIME	SUBJECT	ALL PRESENTATIONS ARE PACIFIC TIME ZONE
March 9, 2021	Designed for?	Contractors, UA Local Officers, All UA Crafts
	Who benefits?	Owners, Project Managers, Administrators, Stakeholders, Business Managers, Agents, Organizers, UA Plumbers, Sprinkler Fitters, Pipefitters, Service Techs
8:00 am	Welcome and Introduction	Derrick Kualapai, UA International Representative Aaron Stockwell, CALPIPES Executive Director Preston Riehl, A & J Training Trust Fund International Representative Kurt Steenhoek
9:15 am	Keynote Speaker	Dr. Janet E. Stout
10:00 am	Fundamentals	UA Water Policy Brief, Regulatory Authority, Job Dispatch
Noon	Lunch	One hour break
1:00 pm	Fundamentals	Building Types, Occupant Class, Document, Sampling
3:30 pm	ASSE 12060	ASSE 12060 Exam for Contractors