

Product Quality Cleaning Workshop - Sam Houston State University

May 16-17, 2018 in Huntsville, Texas – www.SHSU.edu/PQCW

WHY IS THIS WORKSHOP UNIQUE?

The workshop is practical and hands-on. Attendees come away with a good understanding of how cleaning works. The workshop is not “death by powerpoint.” It includes demonstrations and hands-on cleaning exercises. It is interactive.

WHO SHOULD ATTEND?

The workshop is geared to manufacturers and assemblers of high value products in areas such as metals, electronics, optics, microelectronics, aerospace/military, medical devices, and products produced by additive manufacturing.

- Production and engineering managers
- Quality control managers
- Contract manufacturers
- Technicians and assemblers
- Safety/environmental professionals
- Contract manufacturers / Job shops
- [Sales/tech representatives of providers of cleaning products.](#)

SPECIAL FEATURES

- Non-commercial, practical training
- Real-time cleaning demonstrations
- Hands-on training in surface monitoring techniques
- Demonstrations of analytical techniques
- SHSU sponsored, continuing education certificate

WHAT YOU WILL LEARN

The workshop gives you the tools to achieve optimal critical and precision product cleaning processes that enhance manufacturing quality and productivity. You learn how to monitor current cleaning processes and to troubleshoot cleaning problems. You will be equipped to make informed choices about cleaning agents, cleaning processes, analytical tests, and suppliers/contract manufacturers.

WORKSHOP TOPICS

- Value-added processes for general cleaning, precision cleaning, critical cleaning, surface preparation, and contamination control.
- Selecting your optimal cleaning process: cleaning agents and cleaning equipment (solvent and aqueous)
- Avoiding product damage
- Understanding surface tests and monitoring
- Choosing analytical tests that do the job
- Navigating safety / regulatory hurdles
- Cleaning to specifications and cleaning for quality

[Printer-friendly preliminary agenda](#)

DETAILS

- [One Attendee](#) - \$1100 Includes 2-day hands-on conference, lunches, coffee breaks, vendor demos.
- [Group Rates](#) - \$1100 plus additional registrations at \$950
- [Sponsorship Registration](#) - \$1800 for a table top display along with one registration (additional registrations at \$950). See the [sponsor page](#) for details.
- [University Hotel](#) (shsuhotel.org) \$92.95 plus tax per night



CONTACT US



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ABOUT THE INSTRUCTORS

Barbara Kanegsberg, President of BFK Solutions, LLC, is a recognized expert in critical/industrial cleaning and contamination control. She develops critical cleaning processes, conducts validations, and resolves product-related regulatory issues. Barbara is a member of the ASTM medical device Cleanliness Testing Task Force and a US Expert to the ISO/TC 209 WG 12: She has a master degree in biological chemistry, and is co-author of the two-volume CRC Handbook for Critical Cleaning.

Ed Kanegsberg, Vice President of BFK Solutions, is a chemical physicist and engineer who troubleshoots and solves manufacturing production problems in medical device development and in other high-value products. He is a recognized consultant in industrial cleaning process design and process performance with decades of experience helping companies transition from prototype to production. Ed has a Ph.D. in physics and is co-author of the CRC Handbook for Critical Cleaning.

Darren Williams, Professor of Physical Chemistry, Sam Houston State University, has 18 years of experience in cleanliness verification processes. His university research is applied to industrial process issues, solvent selection, surface preparation, surface cleanliness, and analytical instrumentation. Darren Williams has a Ph.D. in chemistry and is trained in six sigma process improvement. He has authored over twenty articles, two chapters, and filed two patents related to cleanliness verification.