



Microclean Solutions

- the "total cleanroom training" solution
- cleanroom consulting services & audits
- protocol and procedure manuals for your specific cleanroom and staff needs



Dean Hocom Silicon Valley's leading cleanroom consultant



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"Client companies have reported 1/2 percent to full 8 percent increases in yields by following our recommendations and cleanroom procedures."



The MCS 3-Step Solution for Controlled Environment Contamination.

1 Problem: Unknown Contamination Sources

The MCS Solution: A Shadow Audit.

MCS provides "shadow audits"—a detailed, intensive after-hours inspection of your facility to identify all potential sources of contamination or other issues affecting production/yields/etc.

The audit service includes a comprehensive written analysis, summary and checklist pinpointing all identified problems and issues.

The cost of a shadow audit typically ranges from \$500 to \$2,500 (excluding travel expenses), depending on facility size/complexity/etc.

2 Problem: Developing a Corrective Action Plan

The MCS Solution: Training & Compliance Manual.

MCS provides high quality on-site classroom style training for your facility's staff. Training programs are tailored to your specific requirements, and include decontamination theory, industry best practices and protocols, and hands-on demonstrations. Your staff will be tested and certified upon successful completion of the program.

The cost of a training program is based on the number of participants and the session length (half-day or full-day).

To support our training programs, MCS offers customized protocol and procedure manuals that function as the reference guide, or "bible," for your clean manufacturing. The comprehensive manual is tailored to your unique requirements; it addresses your working environment, and includes specific product requirements and a detailed microcleaning matrix.

The cost of a protocol and procedure manual typically ranges from \$2,500 to \$10,000, depending on scope and detail.

3 Problem: Maintaining Compliance

The MCS Solution: Ongoing Training and Consulting.

MCS provides ongoing consulting and training services designed to keep your facility operating efficiently, by ensuring that your staff is kept current with industry best practices and protocols.

MCS will design an ongoing training schedule that will be orchestrated to your operational needs

MCS also provides consulting services in the areas of cleanroom design and construction, certification, and project management. Consulting services are provided at an hourly rate, or on an annual retainer basis.

MCS is uniquely qualified to help you and your clients identify, solve, and prevent contamination issues in controlled environments.