



Life Sciences Manufacturer Strengthens Contamination Control with Flagship Cleanroom Program

Flagship Facility Services provides critical facility services for organizations operating highly controlled and regulated environments. For one leading Life Sciences manufacturer, stringent cleanroom conditions were essential to protecting product quality, supporting production, and preserving the integrity of its controlled environment.

THE CHALLENGE

This client operates cleanroom environments where even small variations in cleaning practices can introduce unnecessary contamination risk. Unlike conventional janitorial environments, cleanroom cleaning requires strict adherence to established procedures governing personnel, gowning, chemicals, equipment, material movement, and documentation.

The client needed to strengthen consistency across its cleanroom cleaning program while maintaining operations within an active manufacturing environment. Staffing coverage, standardized execution, training, quality oversight, and coordination with production were critical considerations.

The organization sought a facility services partner capable of going beyond traditional cleaning to implement a program that would support its contamination-control objectives without disrupting critical operations.



✓ THE SOLUTION

Flagship began by evaluating cleanroom operations and aligning its service model with the client's facility requirements, production schedules, equipment controls, and established standard operating procedures. Rather than applying conventional janitorial practices, Flagship implemented a cleanroom-specific operating model built around trained people, standardized processes, documentation, and quality control.

Cleanroom personnel received specialized training on gowning, cleanroom behavior, cleaning techniques, chemical handling, cleaning sequences, material movement, cross-contamination prevention, safety requirements, and client-specific procedures. Cleaning activities followed clearly defined protocols for clean-to-dirty and high-to-low cleaning sequences, segregation of tools and equipment, use of approved cleaning agents and required contact times, and controlled movement between designated areas.

Flagship also aligned staffing and cleaning schedules with production requirements, minimizing disruption to manufacturing operations. To reinforce consistency, supervisors conducted ongoing quality inspections, verified task completion, reviewed documentation, and followed up on correctives – creating greater visibility and accountability across the cleanroom program.

↑↑ THE OUTCOME

Through a more disciplined operating model, Flagship strengthened the consistency and oversight of the client's cleanroom program. Standardized procedures and focused training helped reduce inconsistencies and gave team members a clear understanding of both how cleaning activities should be performed and why each step matters. Better staffing alignment and coordination with production also helped keep cleaning on schedule without disrupting manufacturing operations.

Meanwhile, documented task completion, supervisory verification, quality inspections, and corrective-action processes provided stakeholders with greater visibility and enabled potential deficiencies to be addressed proactively. Most importantly, Flagship transformed environmental services from a traditional cleaning function into an integrated component of the client's contamination-control strategy – **delivering a more consistent, controlled, and accountable cleanroom cleaning program.**

