Suite®

BENCHMARK PRODUCTS

CASE STUDY

Suite: Driving Efficiency in Cleanroom Operations

OVERVIEW

Benchmark Products delivers high-quality and highly effective solutions for clean rooms and sterile manufacturing areas. Understanding the pivotal role of quality in such environments, we've curated a portfolio of premium products designed to meet the most stringent standards. This case study highlights the successful transition of a protein manufacturing facility to our Suite line of products, focusing on the challenges and strategies involved in achieving cGMP compliance. Despite the initial appearance of higher product prices, a further examination of total product cost removal reveals the opposite – **a cost savings of $253,000**.

CHALLENGE

In the production of pharmaceuticals and sterile products, maintaining the highest standards of quality, purity, and sterility is of utmost importance.

1. **Environmental Monitoring Deficiency:** The facility has been facing challenges in achieving satisfactory environmental monitoring results, indicating a significant gap in meeting the stringent industry standards.

2. **Cleaning Protocols:** Despite implementing rigorous cleaning protocols, the facility encountered difficulties in maintaining the desired levels of cleanliness, which emphasized the limitations of its existing procedures.

3. **Escalating Disinfectant Usage:** To address the environmental monitoring issues, the client increased the use of disinfectants, but this approach proved inefficient and highlighted the need for a more effective and sustainable solution.

SOLUTION

After a successful transition to Suite, the facility was able to effectively capture and remove the historical residues present in their cleanrooms. The results were a significant improvement in the cleanliness of their manufacturing environments. This led to marked enhancements in their environmental monitoring results and prompted a revision of their company guidelines on the frequency of cleaning and disinfecting.

1. **Optimized Schedule:** Implementing a reduced disinfecting frequency to five days and cleaning to two days per week allowed for a more efficient allocation of resources and personnel.

2. **Streamlined Disinfection Protocol:** By revising schedules for disinfecting ceilings (quarterly), walls (weekly), and floors (daily), the facility achieved a more targeted and effective approach to environmental maintenance, addressing specific areas of concern promptly and consistently.

3. **Efficient Resource Utilization:** The decrease in disinfectant usage led to reduced operational costs, supporting environmental sustainability efforts, and aligning with the facility's goal of minimizing waste and implementing eco-friendly practices.

OUTCOME

The adoption of the Suite line has resulted in several immediate and multifaceted advantages. It has significantly enhanced environmental monitoring, ensuring a higher degree of compliance with industry standards. The transition has led to substantial cost savings, amounting to **$253,000**, which can be attributed to streamlined processes and reduced resource expenditure. Additionally, the facility has successfully met its sustainability objectives by decreasing disinfectant usage and aligning with its commitment to environmental sustainability.

Furthermore, as a direct consequence of implementing the Suite product line, the company gained an additional 1,000 hours of manufacturing time.

By integrating **Suite Wipes** [W-TTC1212-C] and **Suite Touchless-Less Floor Mop** [Y-TL-FM-25] into their workflow, the facility not only streamlined operations but also saw notable cost savings and improved efficiency throughout their manufacturing processes.

Gained
1,000 HOURS
MANUFACTURING TIME

Saved
$253,000
IN TOTAL COSTS

COST SAVINGS

	Old Method	Suite
Disinfecting/Cleaning Labor	$285,600	$132,600
Disinfectant	$550,000	$400,000
Mops & Wipers	$250,000	$300,000
Total Cost	$1,085,600	$832,600
Total Cost Savings		**$253,000**

Suite Wipes
[W-TTC1212-C]

Suite Touchless-Less Floor Mop
[Y-TL-FM-25]

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