

# CASE STUDY

SHUTDOWN SUPPORT



## CHALLENGE

An ABEC customer had a significant product demand, but annual preventative maintenance (PM) was still required on their equipment. To work around this issue, they modified their production schedule to maintain the PM activities. Rather than completely shutting down the entire production line, they implemented a rolling, suite-by-suite shutdown over a few months. This type of shutdown required critical timeline performance for all PM activities. The capacity of the maintenance department was limited to maintain both the operation of the plant and the PM during shutdown.

## SCOPE

Prior to shut down, ABEC sent 20+ maintenance technicians to the site for policy required SOP training. After the training was finalized, all AEC maintenance technicians were on standby for dispatch depending on the schedule and needs of the customer. The technicians were available for extended hours, off-shift, and weekends. All scheduled PM activities within the available suites had to be:

- Completed thoroughly and unsupervised ABEC technicians worked independently
- The requirements were met on the initial inspection and verification
- Completed according to SOPs
- Fully documented

## RESULT

ABEC completed preventative maintenance activities on time, meeting the deadline with accuracy and efficiency. In the process, ABEC reduced the cost with weekly adjustments to the technicians' schedules. As a result, the customer experiences minimal downtime and the equipment was promptly returned to the production team. ABEC also sourced all necessary parts and materials to ensure all OM spares went through a thorough quality check before being delivered to site. ABEC proactively addressed all known and unknown concerns, providing a comprehensive and timely maintenance program that met all the customer's needs.



### **Maximizing Customer Productivity, Controlling Costs, and Reducing Risk**

ABEC's service team is highly trained and experienced, working for customers to maximize productivity, control operating costs and mitigate risk. In every way, we strive to eliminate unscheduled shutdowns, while bearing in mind all factors associated with maintaining and improving bioprocess production operations and equipment. Our expertise and capability to address your specific requirements, in line with your schedule, make us the first choice for bioprocess services, no matter the location, the scale of the task, or the original manufacturer.



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