

CASE STUDY

FIELD REPLACEMENT OF 4,000L VESSEL DISH END



THE CHALLENGE

A manufacturer of crucial vaccines within a highly sanitary facility contacted ABEC when they were experiencing issues with their non ABEC 20+ year old vessels. Despite the rigorous sanitation measures, the customer encountered a significant setback when their vessel was suffering from scratches and rouging, resulting in frequent breakdowns and reduced efficiency during production. This caused an increased risk for contamination. The ABEC team of skilled and experienced technicians immediately began to assess the problems and provide the customer with a customized solution.

THE SCOPE

ABEC examined the equipment, during the examination they found that multiple vessels needed VIP inspections, remediation, and component upgrades in addition, a 4,000L vessel required a replacement dish end. All works had to be assessed, planned, and completed in the three week shut down period:

- Off-site Workshop fabrication of new dish end in advance of on-site schedule
- Replacement of a 4,000L vessel dish end
- VIP on seven vessels and cladding repair on fourteen vessels (ABEC VIP Program)

"The way the ABEC employees carried themselves on site has left a lasting positive impression with many people from the management team, EHS, quality and production departments. I have had feedback from a lot of people complimenting their manners, attention to detail and overall helpful nature. Nothing was too much trouble, and they went over and above in all aspects of the job, this attitude stuck throughout the entire visit which is a credit to them especially for those that had been away from their homes for several weeks" - Maintenance Supervisor

THE RESULT

ABEC completed the job a day ahead of the estimated timeline. All vessels at the site underwent a full VIP that outlined the overall health and condition of each vessel. The VIP reports created a priority list of remediations that needed to occur on each vessel. Once those vessels were completely remediated ABEC was able to move on to the vessel dish end that needed to be replaced. After completing the dish end replacement ABEC completed the cladding repairs. All site work was completed with zero safety incidents in a very stringent safety environment.



Image Details: Behlow, New bottom head. Ready for install.

THE BENEFITS

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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.

