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Case Study

Pharmaceutical CDMO Case Study: A Billion Reasons Why Innovation Works

How Pharma Tech Industries turned a complicated effervescent transfer into a manufacturing milestone

Background: Managing a Complex Technology Transfer for Effervescent Products

When a major pharma company decided to purchase a competitor's consumer product line, the multinational giant experienced for the first time the complicated intricacies of technology transfer for effervescent products.

Challenges in the Pharma Technology Transfer Process

The effervescent product was being manufactured at a facility in Puerto Rico, so the company required a transfer of the assets to a supplier in its network. However, very few suppliers had a dedicated Technology Transfer Team capable of making the numerous transitions required, while simultaneously maintaining uninterrupted supply deliveries and keeping the process as seamless and precise as possible.

3 BILLION
effervescent tablets
a year? No problem!

Pharma Tech Industries' Solution for Effervescent Manufacturing

Pharma Tech Industries determined an innovative way to expand its services for such customers. A specialized team was formed to construct custom low-humidity suites for the manufacturing and packaging processes of the operation by leveraging their knowledge of powder transfer using a pneumatic system. This enabled Pharma Tech Industries to engineer an entirely new and improved manufacturing operation with the ability to transfer the compression and packaging lines from Puerto Rico to its facility in Royston, Georgia.

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Delivering Results: A Billion-Tablet Milestone

Manufacturing such a high volume of effervescent products in 2008 was a milestone for Pharma Tech Industries' Royston facility, marking the company's largest tech transfer to date. But that was only the beginning. Pharma Tech Industries can now manufacture approximately three billion effervescent tablets a year. And Pharma Tech Industries' Technology Transfer Team has consistently demonstrated that it can learn, optimize and execute new technologies and processes - even with limited previous experience with the dosage form. Today Pharma Tech Industries offers a variety of effervescent formats ranging from nutraceutical to OTC products.

Pharma Tech Industries, a family of companies with locations in Georgia and Missouri, is a trusted solutions provider for powder-based products and custom packaging services. The companies provide development to high-volume commercial-scale production capabilities and offer a wide variety of delivery systems and formats, including sachets, stick packs, bottles, pouches, effervescents, tablets, capsules, drug-devices, and medical swabs.