

ZETA USA: A Rising Champion in Biopharmaceutical Aseptic Processes and Automation for North America

The pharmaceutical industry continues to grow rapidly due to increasing demands for innovative process solutions, full-scale automation, and new manufacturing technologies. To meet this increasing market demand, ZETA, the biomanufacturing facility design expert, established its North American engineering hub in Greater Philadelphia in August 2021, providing ultra-fast-track project delivery. Today, ZETA USA announced it is well established and actively implementing US-based and multi-national projects for leading pharma and biotech companies.

While ZETA USA is a newly established subsidiary of Austrian-based ZETA Holding, its advanced knowledge is founded on over 30 years of delivering highly complex international pharma and biotech projects. ZETA USA, located in the heart of Philadelphia's "Cellicon Valley" area, has already doubled its engineering and automation staff in only six months of operation.

Ultra-fast-track implementation in the US

ZETA recently worked with an international healthcare company on a high-tech emulsion system for one of its US locations in Chicago. With a project execution timeframe of only 15 months, from basic design to commissioning, ZETA was able to engineer, develop and fabricate the requisite mobile skids for a full pilot plant for nano-emulsion production. As a result of this successful project execution, the client consequently commissioned ZETA for their "pilot-to-production" expansion of the same nano-emulsion system. A further batch system was integrated into the Customer's Chicago facility.

Mastering the challenges of Pharma 4.0

At the core of ZETA's offer is an advanced pharmaceutical aseptic process knowledge and expertise to master the challenges presented by the principles of Pharma 4.0. "ZETA provides turnkey solutions, including integrated process engineering, in-depth automation, and digitalization solutions for agile digital transformation. Our unique end-to-end approach optimizes quality and safety while significantly reducing project lead times, errors, and cost," explains Lindsay Smart, Head of Sales USA.

Accelerating project execution times with ultra-fast results

"ZETA is trusted by the world's largest pharmaceutical, biopharmaceutical, and biotech companies as the aseptic process expert in complex customized engineering projects. ZETA is a rising champion in the North American Market, ensuring ultra-fast track delivery while complying with the highest safety and quality standards. Our highly skilled people and in-depth knowledge of pharmaceutical processes make the real difference", states Daniel Maier, COO of ZETA USA.

About ZETA

With over 1000 highly qualified employees and 17 subsidiaries worldwide, [ZETA](#) specializes in planning, automation, digitalization, and maintenance of customized biopharmaceutical facilities for aseptic process solutions. ZETA is a one-stop-shop biomanufacturer, combining plant engineering and automation with HVAC and cleanroom design.

ZETA is actively taking steps toward a more environmentally-friendly future for the entire industry. With ZETA's well-designed decarbonization and sustainability strategies, reduced carbon emissions and energy efficiencies can be achieved in biomanufacturing processes and facilities.

Biopharmaceutical active ingredients, such as anti-cancer drugs, insulin, vaccines, and infusions, are produced in these highly complex, "tailor-made" facilities. ZETA supports its customers across the entire drug development and manufacturing pathway with sophisticated solutions from the laboratory to industrial production scale. Through its Smart Engineering Services, ZETA creates digital twins of process plants and is a market leader for digital solutions in the pharmaceutical and biotech industry.

For more information about ZETA, visit us at: www.zeta.com

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