



MAKING PLANTS SMARTER.

Ben Beebe Engineer, Plant Performance Services
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Performance Services

Ben has over 18 years of experience in process controls, the past eight with Experitec. His experience includes the design, configuration, optimization and troubleshooting of process controls systems, process simulation, variability analysis, and capital project management. He is proficient with DeltaV and Provox DCS platforms, Mimic simulation software, and the Windows NT and XP operating systems.

Highlights

GlaxoSmithKline, Ulverston, UK– Simulation of three solvent recovery towers and associated equipment. The simulation was used to verify the DeltaV configuration and to train operators on the new DeltaV system prior to actual cutover.

Oneok Field Services, Bushton, KS – Converted the Hydrocarbon Plant from Provox to DeltaV. Participated in design, configuration, operator training and startup.

Koch Materials, Lubbock, TX, Kansas City, MO, Little Rock, AR – Designed, configured and implemented a recipe based control system for an asphalt milling operation. The solution was designed to be modular and easy to re-configure for new plants, and has since been installed in three other plants by the customer.

UCLA, Los Angeles, CA – Developed control configuration and graphics for the DeltaV control of a new Thermal Energy Storage Tank for the UCLA Utilities Department. The system interfaced with the existing Provox DCS, and could be operated from the Provox.

Vulcan Chemicals, Wichita, KS – Assisted in the conversion of a chloromethane plant from single loop controllers and PLCs to Provox. Nearly the entire system was cut over while the plant was running to minimize downtime.

Dow Chemical, Midland, MI – Designed and implemented a new process control strategy in high impact polystyrene plant. Result of new control was an increase of 25% in plant operating rates, and significantly reduced product variability.

Technical Experience

DeltaV Configuration Tools
Envox (Provox Configuration Tools)
Mimic process simulation software
Provox Configuration
DeltaV Configuration
DeltaV Service Certification
Windows XP Certification

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