



BROWNFIELD OPTIMIZATION & RETROFIT

ASSURING OPTIMUM PRODUCTION LEVELS

Successful execution of Brownfield modification and optimization projects is inherently complex as integration with existing production facilities and systems can create challenges. At CETCO, we have extensive experience with Brownfield modification throughout the complete lifecycle of a project. Across the globe, we have multi-discipline engineering teams to meet your project needs and develop clear technical definition at the appropriate level of detail.

At the concept stage, we interact with the customer's organization, looking at the requirements and generating an ORCA™ Objective Root Cause Analysis study that allows for the accurate setting of the design parameters, performing detail design, fabrication and implementation. This level of interaction has taught us the way to reduce costs for our customers and assure successful project delivery.

APPLICATIONS

- Engineering studies and surveys
- Detailed design
- Internal retrofits
- New process vessels

FEATURES & BENEFITS

- Confirm existing facility specifications and “as built” information
- Site survey through our ORCA™ Objective Root Cause Analysis confirming capacity of installed systems and future system requirements
- Constructability study to look at all plant constraints



IN-HOUSE SERVICES AVAILABLE ON CETCO PROJECTS

CETCO provides additional in-house Engineering, Project Management, Research and Development services for all CETCO Customer Projects.



ENGINEERING & PROJECT MANAGEMENT

CETCO experts, professionally certified (P.E.) and certified (PMP), deliver tailored engineering services, technical expertise, and project management for CETCO projects to enhance project performance.

ENGINEERED TO EXCEL

[LEARN MORE ↗](#)



RESEARCH & DEVELOPMENT

CETCO scientists conduct research and development to create innovative technologies to assist customers worldwide. We aim to maximize efficiency, minimize costs, and enhance sustainability. We offer Applied Analytical and Testing services at our state-of-the art Houston and Regional ancillary labs.

LEADING THROUGH INNOVATION

[LEARN MORE ↗](#)

