



#### MAINTAINING PRODUCTION OFFSHORE WITHOUT INTERRUPTION

FPSO Floating Production Storage and Offloading, facilities face unique challenges for water treatment due to remote locations, deepwater, weather movement and practices such as storage of produced water in slop/cargo tanks. In addition, environmental regulations for overboard discharge or for re-injection and are becoming more stringent every year, creating the need for reliable, complex water treatment systems. As the industry leader in water treatment solutions for the offshore oil & gas market, we offer a comprehensive program for short, medium and long-term remediation to help customers maintain production without interruption. Our program includes field surveying, trouble-shooting and remediation technologies supported by equipment tailored to the specific needs of each customer.

# **APPLICATIONS**

- Greenfield permanent produced water equipment for primary, secondary and tertiary treatments
- Brownfield Expansion Projects and Upgrade
  Projects
- Tertiary Polishing Excursion Units
- Permanent Flowback Equipment for Well Intervention
- Slop Water
- Early Production Facilities
- Rental equipment available for temporary solutions while fabricating a permanent solution
- ORCA<sup>™</sup> Objective Root Cause Analysis Engineering & Optimization Studies

# FEATURES & BENEFITS

- Engineered troubleshooting solutions for complex water treatment problems
- Maintain oil production without interruption
- Experienced and knowledgeable personnel
- · Fluid properties optimization
- World class safety and environmental performance



# 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** 

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#### **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

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