Serving the Growing Needs of Deepwater Markets

Serving the growing needs of the Deepwater Gulf of Mexico and surrounding markets, Multi-Chem's new state-of-the-art chemical blend plant incorporates advanced design, technology and processes to optimize safety and maximize efficiency in this challenging and highly regulated environment.

- Computer controlled, batch logic chemical processing
- Instrumented blenders and high flow filters
- Umbilical-qualified CapSure® certified solutions and MultiClean™ product inspection verification
- Dedicated bulk loading facilities for smoother logistics

The Acadiana Blend Plant brings together all of these essential elements to ensure Multi-Chem delivers the purest, highest-quality chemical solutions for deepwater applications.

Welcome to the Acadiana Blend Plant
To ensure safety and consistent manufacture of our products, Multi-Chem’s new blend plant incorporates PLC controlled operations using batch logic processing, and meets or exceeds all regulatory requirements and design codes including NFPA 30, Process Safety Management (OSHA CFR 29 1910.119), API 650, and others. The 3,000 square foot regional lab includes a 1,000 square foot dedicated QA/QC lab which provides confirmation of quality in all we produce.

- PLC controlled operations for consistent, safe blending
- Meets or exceeds all regulatory requirements and design code
- Dedicated 1,000 ft² QA/QC laboratory

**Blender Capabilities**

Acadiana is equipped for quality production, with two 8,000 and two 3,000 gallon capacity blenders instrumented for weight, temperature, pressure, recirculation flow and specific gravity, with water-based blenders also instrumented for pH.

All blenders are also nitrogen-blanketed to provide an “inert” blending environment, and materials in the oil based blender can be heated via an electric heater in the circulation line to provide consistent blending conditions for temperature-sensitive blends.

**CapSure® Certified Solutions**

Multi-Chem dedicates the time and technology needed to assure every treatment will continue to flow through every umbilical every time, no matter how long the deepwater line runs.

Available from the Acadiana plant, our CapSure line of umbilical-qualified products exceeds strict standards for quality, purity and application compatibility, with a certification process that includes rigorous testing of materials compatibility, particulate content, low temperature and high pressure viscosities, and long-term product stability. This goes beyond industry standards of excellence to require 30-day hot and cold static stabilities, and high shear, surface film fouling test. The result is exceptional quality, every time.

To ensure that products meet or exceed the deepwater particulate specification ASE 4059/NAS, the plant employs 3M Cuno High Flow Filters, and a polishing filter helps to ensure the product is free from any haze.

- Two 8,000 and two 3,000 gallon blenders (oil-soluble, water-soluble)
  - Fully instrumented, including for pH for water blender
  - Nitrogen-blanketed for an “inert” blending environment
  - Oil blender provides consistent heat for temperature-sensitive blends
- 3M Cuno High Flow Filters ensure products meet or exceed deepwater specification ASE 4059/NAS
- Polishing filter helps ensure haze-free product

To help ensure each product remains as pure as it was made, all CapSure certified products receive special handling through Multi-Chem’s exclusive MultiClean™ process. This helps to ensure the chemicals and containers are of the exceptional quality and cleanliness required for capillary/umbilical delivery.

The MultiClean process includes verified inspections, multiple sample retentions and multiple filtering to stringent specifications, which provides a chain of custody for each batch and container, documented by serial number.

**Bulk Loading/Unloading**

To facilitate safe, efficient logistics, the Acadiana plant has two dedicated bulk unloading sites. Each site is designed and equipped to prevent contamination.

- Two bulk unloading sites, one for oil-based raw materials and one for water-based raw materials
- Each site has a dedicated pump and pipe header to minimize contamination
- Each pipe header contains dedicated lines to individual storage tanks to prevent contamination