**EPIC VALUE:** 

# **Process Systems**





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# **Industries We Serve**

& PRODUCTS WE SUPPORT

## Bleach

# AGRICULTURE CHEMICAL

Seed treatment
(pre-harvest)
Insecticide
Bug repellent
Liquid fertilizer
Pest control
Fungicide
Liquid plant food
Vegetable wash

Fish fertilizer

Tub & tile cleaner
Toilet bowl cleaner
Disinfectant

Multi-surface cleaner

Glass cleaner

SURFACE CLEANERS

Floor cleaner

Descaler

Spot remover

Granite & stone cleaner

Cook-top cleaner

Outdoor/deck cleaner

Carpet cleaner

Lime/rust remover

Wood cleaner Grout cleaner

# **SPECIALTY CHEMICAL**

Adhesives
Caulk & silicone
Lubricants (oils)
Wood glue
Epoxy
Drywall patch &
joint compound
Encapsulated fragrances
Odor removers

SDe

AgCM

PCa

SCI

PC<sub>2</sub>

SpCM

# SOAPS & DETERGENTS

Laundry sanitizer
Laundry additives
Liquid rinse agent
Odor eliminator
Dishwasher liquid
Liquid dish soap
Liquid hand soap
Liquid detergent
Stain remover
Fabric softener
Wrinkle remover
Encapsulated fragrances

# PERSONAL CARE

Lotion
Body Wash
Shampoo
Conditioner
Deodorant
Mouthwash
Toothpaste
Facial cleaners

## **PET CARE**

Odor eliminators
Dental care/additives
Shampoos & topicals
Pet stain removers
Pet food products

We Help Produce Items Used Every Day

# We are an Engineering Design Firm that Fabricates Turn-key Process Systems



## **SYSTEMS & SOLUTIONS**

# We Offer



You have complex process manufacturing issues... We bring value at every step.



## **DESIGN/BUILD SERVICES**

Solutions for greenfield/new build process systems, brownfield and/or plant expansions, pilot plants (process development and/or scaleups).

- Stage gated development (concept to startup)
- Single point of project ownership
- Modular installation tactics



### **STORAGE & TRANSFER**

Optimize material storage and minimize contamination, spills, evaporation, and exposures.

- Bulk raw materials (tank farm)
- Pipe racks
- fluid transfer/pump skids
- Automated tote-to-tote transfer skids
- Temperature controlled storage solutions



### **MIXING & REACTING**

Experience consistent, higher quality product, & improve efficiency & product fulfillment with reduced human capital.

- Inline blending/continuous blending
- Batch mixing
- Batch reacting
- Liquid/liquid
- Solid/liquid (powder additions)



## LATE PRODUCT DIFFERENTIATION

Expand & diversify product offering & rapidly respond to dynamic consumer preferences without sacrificing quality.

 Late differentiation solutions including fragrances, colorants, and enzymes





## **DISTILLATION/SEPARATION**

Improve quality of product & purity of raw materials while meeting sustainability goals.

- Thermal distillation
- Vacuum distillation
- CO2 capture
- Solvent recovery



## CIP/SIP

Be more efficient & cost effective, & increase product & employee safety.

- Centralized
- Local

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## **UTILITIES**

Ensure continuous, reliable operation, quality production, & meet cGMP.

- Power
- Heating & cooling
- Heat transfer skids

EPIC Systems

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