

**Process Plants Corporation (PPC) personnel have a long history of organic chemical activity extending over a period of 35 years. This activity developed from a background in both the Petroleum and Petrochemicals processing industries.**

Our engineering know-how includes plant proven experience in such vital areas of inorganic chemical processing as:

Grinding  
Crystallization  
Thickening and Clarification  
Filtration and Centrifugation  
Roasting, Drying and Calcining  
Distillation  
Screening  
Classifying  
Leaching and Dissolution  
Evaporation  
Solvent Extraction and Ion Exchange  
Slurry and Solids Material Handling  
Waste Water Treatment  
Discharge Air Treatment  
Process Control

PPC personnel have designed systems using the most difficult reagents including sulfuric, nitric, hydrofluoric and hydrochloric acids, caustic, ammonia, hydrogen sulfide, sulfur dioxide and lime to name some more common ones. These corrosive reagents required special material selections which have included lead, rubber, glass-lining, stainless steel, nickel, titanium and Hastelloy.

Direct applicable experience for your project has been gained from the following PPC projects:

- Molycorp Sulfuric Acid Plant
- ALCOA Low Density Catalyst Spheres Plant
- LTV Zinc and Nickel Alloy Electroplating Line
- Double Eagle Electroplating Line

## **ORGANIC CHEMICAL PROCESSING EXPERIENCE**

### PROJECT EXPERIENCE

The following data summarizes the experience of PPC in this industry.

### ORGANIC CHEMICAL PROJECTS

<b>CLIENT</b>	<b>DESCRIPTION</b>	<b>RESPONSIBILITY</b>
<b>Cryotech, Inc. Kingsport, TN</b>	Carbon Dioxide Purification and Liquefaction Plant	Process evaluation, process design, pilot plant testing, cost estimate, equipment selection, detailed engineering, procurement and inspection.
<b>INDSPEC Petrolia, Pennsylvania</b>	Recovery Building Sound Control Crude Tank Rehabilitation	Detailed Engineering
<b>Petrowax PA, Inc. Smithport, Pennsylvania</b>	Crude Oil Wax Refinery Field modifications	Detail design and procurement.
<b>Amoco Performance Products, Inc. Alpharetta, GA</b>	Carbon Resin Pilot Plant	Process design, piping design, and piping stress calculations.
<b>Rhone-Poulenc Oil City, Pennsylvania</b>	Distillation Unit	Piping redesign

PROCESS PLANTS CORPORATION PO BOX 1966, CRANBERRY TOWNSHIP, PA 16066

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## ORGANIC CHEMICAL PROCESSING EXPERIENCE

<b>United Refining Co</b> <b>Warren, Pennsylvania</b>	Diesel Hydrotreater and Sulfur Recovery Unit .	Process and project evaluation of bid documents and responses to evaluate for completeness, pricing and schedule
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Occidental Petroleum Corporation



*INDSPEC Chemical Corp.*

*sub of OXY current customer*



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