



Process Plants Corporation

## ***GENERAL INFORMATION***

***Process Plants Corporation, has performed Engineering, Construction Management & Maintenance Management services for the following corporations:***

- ALCOA
- Allied Signal
- American Refining Group
- Amoco Performance Projects
- ARCO Chemical
- Aristech Chemical
- Ashland Chemical
- Calgon Carbon
- Callary Chemical
- Cryotech
- Double Eagle Steel Coating
- Dravo Lime
- Duquesne Light
- Energy International
- INDSPEC
- Kosmos Cement
- Koppers Industries
- LTV LS2 Joint Venture
- Molycorp
- MHB, INC
- North American Höganäs Inc
- OMG Americas
- PPG
- Pennzoil
- Rhone-Poulenc
- Shenango
- Sony
- United Refining
- US Steel
- Valvoline
- WCI/Mannesmann Demag

THE FOLLOWING ARE A SAMPLE OF THE TYPE OF CLIENT AND VARIED PROJECTS THAT PPC PROVIDES SERVICE



Process Plants Corporation

**PROCESS PLANTS CORPORATION HAS PERFORMED ENGINEERING SERVICES FOR THE FOLLOWING CORPORATIONS:**

ENERGY TECH	DIESEL PLANT - BOLIVIA
LCO2	ENERGY STUDY
INDSPEC	FINAL SEPARATOR REPLACEMENT DWGS
N A HOGANAS	HAMMER MILL ESTIMATE
INDSPEC	JIB CRANE ESTIMATE
NALCO	TRAILER CAPACITY EVALUATION
SUNOCO	GENERAL ENGINEERING SERVICES
INDSPEC	BIRD #13 SUPPORT REHABILITATION
INDSPEC	MCC BUILDING ROOF CHECK
INDSPEC	Over-head Trolley
NAH	NEW ALLOY BELT FURNACE - BID PACKAGE
SUNOCO	P-5 TOP UNLOADING
SUNOCO	CTW LINES
NALCO	STAIR TOWER ESTIMATE
SUNOCO	CAD ENGINEERING SERVICES
SUNOCO	P-4 GANGWAY REPLACEMENT
SUNOCO	P-6 LOADING ARM REPLACEMENT
INDSPEC	RESIN PLANT RAW MATERIAL DIKE REPLACEMENT
INDSPEC	FOAM BUILDING
INDSPEC	STORM WATER COLLECTION - PHASE II
SUNOCO	PLANT ASSET LIST DEVELOPMENT
INDSPEC	ETHER UNLOADING EXTRAS
INDSPEC	MCC ROOM EXPANSION
ASHLAND	NO. 4 MA SPARE GAS COOLER
ASHLAND	ACID FEED MASS FLOW METER
ASHLAND	STILL POT VALVE ACTUATOR
ARISTECH	ENGINEERING LAYOUT OF 2" WW LINE
CALGON	PRODUCT LINE UPGRADE TO 100,000 POUNDS PER DAY
ASHLAND	2 MOLE % BUTANE FEED

*PPC engineering services: engineering for engineers*

INDSPEC	RESIN PLANT RAW MATERIAL DIKE REPLACEMENT
SUNOCO	PA FLAKER DISMANTLING
INDSPEC	ENGINEERING AS-BUILTS FAN PROJECT
INDSPEC	CONTRACT ENGINEERING SERVICES
INDSPEC	DISTILLATION JET SYSTEM

INDSPEC	# 4 FUSION MIXER REPLACEMENT
INDSPEC	# 6 FUSION MIXER REPLACEMENT
SUNOCO	PIPE RACK FALL PROTECTION
INDSPEC	#7 CAUSTIC POT REPLACEMENT
INDSPEC	#9 CAUSTIC POT REPLACEMENT
SONIVENT	ENGINEERING SERVICES
INDSPEC	#4 STRING SURGE TANK OPERATING PLATFORM
FERRO	SCRUBBER CHIMNEY SYSTEM
CEMEX	VEXOR ENGINEERED FUELS SYSTEM
CEMEX	COKE FINE FUEL SYSTEM
OMG	SERVICE RACK REPLACEMENT
GLP	RELIEF VALVE INVESTIGATION
SOUTHDOWN	PHASE I ENGINEERING BAGHOUSE REPLACEMENT
ONDEO-NALCO	ENGINEERING SERVICES
ONDEO-NALCO	ENGINEERING SERVICES
MERISOL	ESTIMATE BEAM CALCULATIONS
INDSPEC	RELIEF VALVE INVESTIGATION
ACES	MAINTENANCE GARAGE
INMETCO	RECOVERY PROCESS FLOW SHEET
BUCKEYE	PM PROGRAM - P.O NO. 521 NTE 8K
BUCKEYE	PM PROGRAM - P.O NO. 521 TANK FARM
NEVILLE CHEM	SWITCHGEAR INSTALLATION
FERRO	BAY 1 MIXING UNIT EVALUATION
FERRO	FLUX FURNACE IMPROVEMENTS
OMG	ALLOY SS PROJECT
OMG	ALLOY CU PROJECT
ASHLAND	GUARD HOUSE SIGNAGE REL #95
ASHLAND	F-501 TANK NOZZLE F/RADAR LEVEL TRANSMITTER REL #97
INDSPECT	PETROLIA EXPANSION PROJECT
DESIGN FUELS	RABINIA
PORT AUTHORITY	BRIDGE INSPECTION AND ENGINEERING SERVICES
OMG	P & I D'S FOR SS ALLOY, GLIDCOP & CU ALLOY AREAS ONLY
OMG	ELECTRICAL SPECIFICATIONS FOR PLANT
ZINC CORPORATION	ENGINEERING SERVICES
VALVOLINE	ENGINEERING SERVICES
ASHLAND	MISC PM & REPAIR ON BREAKERS DUQUESNE SUBSTATION; 07652 REL #1
ASHLAND	COOLING TOWER UPGRADE AFE 309901; 07652 REL #2
ASHLAND	PR Power Distribution for Shutdown
Kosmos	Truck Clinker Dust Collection System - Pre. AFE
Neville Chemical	Miscellaneous Engineering Services
ASHLAND	West Warehouse Drum Storage (PO Release #4)
Kosmos	#2 FM Cement Up-Grade - Pre. AFE
Kosmos	Slag Dryer Circuit
OMG	Miscellaneous Electrical Services - Mike Foust1
ASHLAND	4-Train Catalyst Hoist - PO Release #5
OMG	SS-Alloy Instrumentation
Kosmos	Raw Material Handling Schematic
Kosmos	Synthetic Gypsum Schematic

Kosmos	FOW Balder Project
ASHLAND	PARKING LOT & ROADWAY PAVING
OMG	GLIDCOP STEEL MODIFICATION PROJECT
ASHLAND	MA WAREHOUSE ROOF W GUTTER INLARGEMENT
ASHLAND	F-1303/F-4303 CRUDE TANKS NEW EMERGENCY VENTS
ASHLAND	f-4201 - #4 salt tank insulation
VALVOLINE	CONSTRUCTION QUOTE
KOSMOS	"A" SILO VENTS UPGRADE DUST COLLECTION
KOSMOS	GENERAL ENGINEERING
KOSMOS	PLANT SAFETY PHASE
BETTERS	COAL PLANT MOTHBALLING
KOSMOS	SAFETY/ACCESS IMPROVEMENTS PHASE II
KOSMOS	A SILO DC UPGRADES
KOSMOS	B & C SILO DC UPGRADES
STEINMAN	ENGINEERING SERVICES
ASHLAND	CM FOR BOILER HS-0401
CTS - MONACA	ESTIMATING F/COAL LOADOUT
BUCKEYE REFINING	ESTIMATING F/PM PROGRAM
ASHLAND	TMP a MICROMOTION METER - RELEASE 21

SUNOCO	GENERAL ENGINEERING SERVICES
INDSPEC	#9 BOILER ACCESS STAIRS & LIFT BEAM
PENN-TAP	PROPOSED GRANTS
SUNOCO	BARGE DOCK REPAIR
FERRO CORP	SCRUBBER-PROCESS ENGINEERING AND DESIGN
RSL	MOLD CONVEYOR LINE
KINDER MORGAN	CONTROL VALVE CALCULATIONS
KINDER MORGAN	BURNER FOR NO. 2 FUEL OIL
NALCO	EIGHT-TANK CONTAINMENT DIKE
NEWCHEM	HOT OIL TANK & PLANT EXPANSION Preliminary Phase Development

LCO2	ENERGY STUDY
CITRONE	BOILER INFORMATION
FSQUARED	TURBO-JET EVALUATION
CEMEX	FLUE GAS PROPOSAL
INDSPEC	P&ID'S STEAM RECOMPRESSOR
SUNOCO	MISC. ENGINEERING SERVICES
INDSPEC	LIFTING SUPPORT CALCULATIONS
SUNOCO	UTILITY ANALYSIS
SUNOCO	WASTEWATER ANALYSIS
INDSPEC	RESORCINOL/H2O PIPE TO LOADING PLATFORM
INDSPEC	EITHER TRUCK UNLOADING
INDSPEC	STORM WATER COLLECTION
FSQUARED	SHEAR RING STRESS ANALYSIS
INDSPEC	SULFONATION #4 STRING MONO ACID SYSTEM

Most of PPC's business has been repeat business

SUNOCO	RAIN WATER STORAGE
SUNOCO	CARBON BED PROJECT
SUNOCO	CONTROL ROOM ADDITION
SUNOCO	EXISTING VENT SYSTEM
SUNOCO	WATER DIAGNOSIS CHECKLIST
SUNOCO	STEAM STUDY
SUNOCO	MISC. ENGINEERING SERVICES
SUNOCO	MATERIAL OPTIMIZATION PROJECT
SUNOCO	EXISTING VENT SYSTEM
SUNOCO	2EH RELIEF VALVE REVIEW
SUNOCO	RAIN WATER STORAGE
SUNOCO	CARBON BED PROJECT
SUNOCO	ESTIMATE FOR NO. 4 TRAIN MODIFICATIONS
SUNOCO	RAIN WATER STORAGE
SUNOCO	CARBON BED PROJECT
SUNOCO	PA UNLOADING PIPE REVISIONS FOR 402A&B TANKS
SUNOCO	ESTIMATE FOR NO. 4 TRAIN MODIFICATIONS
SUNOCO	NONYL ALCOHOL BARGE FILTER

ASHLAND	BUTANE RAILCAR UNLOADING MODIFICATIONS
ASHLAND	REINSULATE MA REFINERY COLUMN VAPOR LINE
ASHLAND	MA WAREHOUSE ROOF W GUTTER INLARGEMENT
ASHLAND	900 SERIES TANK INSULATION - RELEASE #30 (99K)
ASHLAND	REACTOR HUMITY MEASUREMNET - RELEASE #31 (5K)
ASHLAND	MISC UNBILLABLE CHARGES FOR ASHLAND JOBS
ASHLAND	FIRE PROOFING MA REFINERY AREA (10K) - RELEASE #33
ASHLAND	MALEIC TRUCK LOAD SCRUBBER (10K) - RELEASE #34

PPC provides knowledgeable construction-minded personnel who add exceptional value and cost effectiveness.

**We would enjoy meeting with you to present our capabilities in greater detail and assure you of our interest in working with you on future projects.**

**HOW MAY WE ASSIST?**

## Process

- Heat & Mass Balance

## Mechanical

- Facility Planning
- Equipment Specifications
- Bid Evaluations and Recommendations
- Machine Design
- P.M. Procedures
- Safety Audits

## Civil / Structural

- Site Development
- Foundation and Structural Design
- Architecture for Industry

## Piping / HVAC

- PFD and P & ID's

- Process, Hydraulics, and Utility Piping
- Piping Systems Analysis
- Building HVAC Design

## Electrical

- Equipment Specification Design and Installation
- Power Distribution and Control
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## Auxiliary Services

- Preventative Maintenance Procedures
- Safety Audits

**If you are thinking about expanding or modernizing your existing facility, please consider Process Plants Corporation for assisting you in this task.**

***PLANT DESIGN***

- € Site Layouts

- € Utilities

- € Permitting

- € Flow Diagrams

- € Equipment Layouts

- € Energy Management

- € Loadout Systems

- € Truck and Rail Transportation

- € Pipe Systems

- € Cranes and Equipment Handling

- € Chemical Process Arrangement Drawings

- € Design Criteria

- € Major Equipment Specification

- € Detail Design

- € Startup and Commissioning

- € Material Handling

- € Warehousing and Storage

- € Conveyors and Bulk Storage

- € Fuel Systems

- € Power Systems

<b>PROCESS PLANTS CORPORATION - PPC</b>	
PIPING PROJECTS	
Retrofit Project Work Specializes in Debottlenecking and Plant Modification Projects	
Basic Engineering	
Strong Process Capability	
Willing to Perform Design-Build "Turn Key" Contracting Services	
Professional Staffing Services	
Materials Management/ Procurement	
Detailed Engineering	
Extensive Process Capabilities	
PPC can also provide engineering services on projects, even where other firms are responsible for the engineering and design scope.	
The development of P & ID drawing's and Electrical Schematics.	
Detail Civil and Structural construction drawings.	

**Process Plants Corporation - PPC**

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Let us bid on your next project, you will do more projects with PPC

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