



Plant Profile

The Plant Profile shows a list of all the different types of units we can profile within the Process Manufacturing Units.

Exploration & Production Units

| <u>Logistics</u> | <u>Production Units</u> | <u>Utilities</u> |
|---|--|--|
| Marine Receiving & Loading Pipeline Receiving & Loading Quality Control Lab Rail Receiving & Loading Tank Farm Truck Receiving & Loading | Crude / Condensate Stabilization Desalter Gas Processing Sour Water Stripping Sulfur Recovery Tail Gas Recovery Well | Ballast Water Treatment Demineralized Water Boilers & Treatment Oilfield Water Treatment Power & Steam Plant Process Water Cooling & Treatment Wastewater Treatment |

Refining & Petrochemical Units

| <u>Cracking Units</u> | <u>Hydroprocessing Units</u> | <u>Distilling Units</u> | <u>Petrochemical Units</u> |
|---|--|---|--|
| Alkylation Catalytic Cracker Isomerization MTBE Polymerization TAME | BTX Extraction Catalytic Reformer Hydrocracker Hydrogen Production Hydrotreater | Asphalt Plant Coker Crude Distillation Lubes Plant Saturated Gas Plant Solvent Deasphalting Sour Water Stripping Special Fractionation Sulfur Recovery Tail Gas Unit | Benzene Butadiene Cumene Cyclohexane Ethyl Alcohol Ethylbenzene Heavy Aromatics Hydrodealkylation Methanol Olefins Organic Acids & Chemicals Orthoxylene Other Alcohols Paraxylene Toluene Xylene |
| <u>Logistics</u> | <u>Utilities</u> | | |
| Marine Receiving & Loading Pipeline Receiving & Loading Product Blending Quality Control Lab Rail Receiving & Loading Tank Farm Truck Receiving & Loading | Ballast Water Treatment Demineralized Water Boilers & Treatment Power & Steam Plant Process Water Cooling & Treatment Wastewater Treatment | | |

Pipeline Transportation Units

| <u>Logistics</u> | <u>Operating Units</u> | <u>Utilities</u> |
|--|---|--|
| Pipeline Receiving & Loading Quality Control Lab Tank Farm | Gas Compressor Station Land Terminal Liquids Pumping Station Marine Terminal Metering Station Ocean Tanker Operations Control Center Pig Launching / Receiving Station | Ballast Water Treatment Power & Steam Plant Wastewater Treatment |

Oil & Gas Marketing Units

| <u>Logistics</u> | <u>Operating Units</u> | <u>Utilities</u> |
|---|---|--|
| Marine Receiving & Loading Pipeline Receiving & Loading Rail Receiving & Loading Truck Receiving & Loading | Bulk Gasoline Plant Bulk Gasoline Terminal Gasoline Dispensing Facility Retail Outlet Tank Farm Tank Truck | Ballast Water Treatment Power & Steam Plant Wastewater Treatment |

Chemical Units

| <u>Basic Chemicals Process Units</u> | | |
|---|--|---|
| Alkali & Chlorine Ceramic & Silicate Coal Chemicals ElectroChem Metal & Compounds Glass Gum & Wood Chemicals | Hydrochloric Acid & other Inorganic Chemicals Industrial Carbon Industrial Gas Phosphorous & Phosphatic Chemicals Portland Cement, Calcium & Magnesium Compounds | Potassium & Potassium Chemicals Salt & other Sodium Compounds Sulfur & Sulfuric Acid Synthetic Ammonia & Nitrogenous Chemicals Synthetic Dye & Pigment |
| <u>Resins, Plastics, Synthetic Rubber & Artificial Fibers Process Units</u> | | |
| Cellulosic Fiber Man-Made Fiber | Plastic Film Plastics | Synthetic Rubber & Compounds |
| <u>Agricultural Chemicals Process Units</u> | | |
| Nitrogenous Fertilizer | Phosphatic Fertilizer | Pesticide |
| <u>Paint, Coatings & Adhesives Process Units</u> | | |
| Adhesives Industrial Coating | Paint | Varnish & Lacquer |
| <u>Soaps, Detergents & Cleaning Compounds Process Units</u> | | |
| Detergent Glycerin | Soap | Surfactant |
| <u>Other Chemical Manufacturing Process Units</u> | | |
| Explosives & Propellants Photographic Film, Papers & Plates | Synthetic Fragrances, Flavors & Food Additives | Oils, Fats & Waxes |
| <u>Utilities</u> | | |

Power & Steam Plant
Process Water Cooling
& Treatment

Product Storage & Shipping
Demineralized Water Boilers &
Treatment

Wastewater Treatment