



ROBUST AND EFFICIENT PROCESS

- + Simple process
- + Long live membrane
- + Reasonable pressure and temperature conditions
- + High selectivity
- + High yield



ECONOMICAL PROCESS

- + Low Capex
- + Simple installation
- + Limited space requirement
- + Short installation time
- + No solvent or exotic chemicals
- + High efficiency
- + Effluent can be fully recycled in phosphoric acid plant



ENVIRONMENTAL FRIENDLY PROCESS

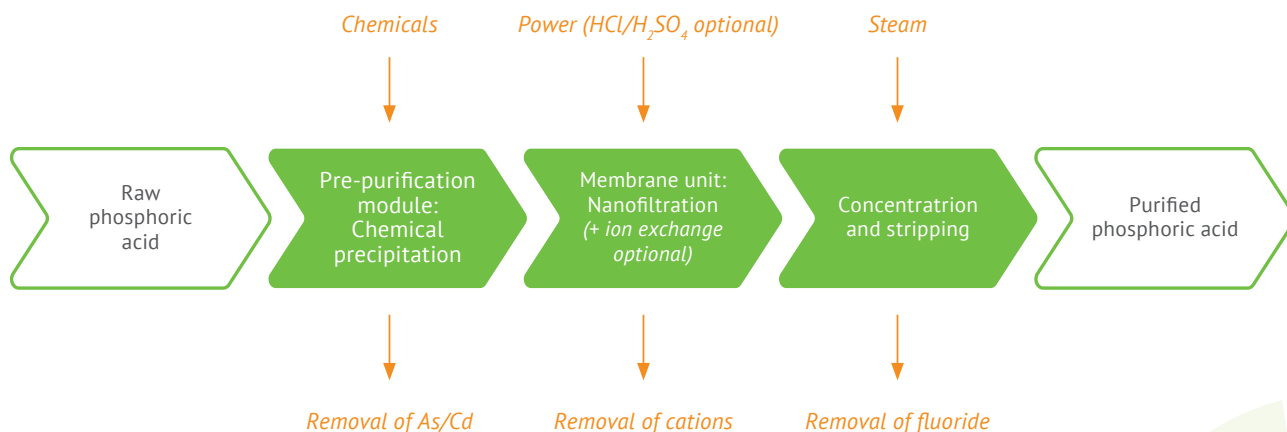
- + No solvent
- + Limited chemicals consumption
- + Limited utilities consumption
- + Small surface



MODULAR PROCESS

- + Modular equipment
- + Containerized membrane unit
- + Small to medium size capacity
- + High flexibility in term of raw-materials and products

PHOSPHATE PURIFICATION PROCESS



PRAYON TECHNOLOGIES PROCESSES & SERVICES RANGE

PHOSPHORIC ACID PRODUCTION

- + Dihydrate Process (DH)
- + Hemihydrate Process (HH)
- + Di-Attack-Hemihydrate-Filtration Process (DA-HF)
- + Central-Prayon Process (CPP)
- + Hemihydrate - Dihydrate Process (HDH)

PHOSPHORIC ACID TREATMENT

- + Desulfation (SO_3)
- + Desarseniation (As)
- + Decadmiation (Cd)
- + Defluoration (F)

PURIFICATION

- + PUMA Membrane Purification Process
- + Ion Exchange Resins Process

DCP PRODUCTION

- + HCl-based EcoPhos Process
- + H_2SO_4 -based GetMoreP Process

MCP PRODUCTION

- + From Pre-Treated Phosphoric Acid
- + From Di-Calcium Phosphate

TECHNOLOGIES ASSOCIATED TO PHOSPHORIC ACID PRODUCTION

- + Concentration Process
- + Gas Scrubbing Process
- + Fluorine Recovery Process

SERVICES

- + Licensing
- + Lab & Pilot tests
- + Semi Industrial validation
- + Training
- + Site Services
- + P2Gether Plant Performance Optimization
- + Technical surveys

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Discover our new Web App for Phosphoric Acid Producers :
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