



PROCESS ENGINEERING



AMERAPEX

Committed to Technical Excellence

QUALITY TECHNICAL EXPERTISE

Process engineering applies science to the design, construction and operation of processes in which materials undergo changes; whether physical, chemical or biological. Amerapex offers a variety of process engineering services to help clients test concepts and define the costs/benefits of a plant concept.



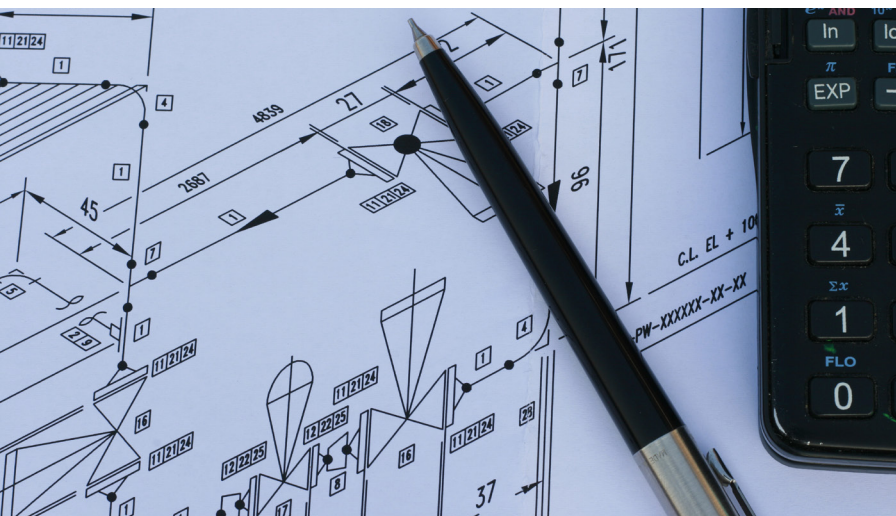
EXPERIENCED
PERSONNEL



PROCESS SIMULATION
TECHNOLOGY



FACILITY PROCESS
EXPERTISE



PROCESS STUDIES:

Amerapex develops and performs process optimization studies designed to meet the specific needs of a particular plant or processing unit.

PROCESS OPTIMIZATION SERVICES:

- Process simulations
- Plant optimization
- Process debottleneck
- Optimization surveys
- Piping and Instrument Diagram (P&IDs) updates
- Modeling & simulation

DELIVERABLES:

- Benefit study reports
- Flow sheet steady-state and dynamic simulations
- Process Flow Diagrams (PFDs)
- Piping and Instrument Diagrams (P&IDs)
- Capital cost estimates
- Equipment data sheets for all major plant equipment

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