



HANSEN-RICE, INC.

EQUIPMENT INTEGRATION SOLUTIONS

SYSTEM DESIGN

- Mass & Heat Balance
- Block Flow Diagrams
- Process Flow Diagrams
- Piping Systems Design
- Equipment Sizing & Specifications
- Utilities Evaluation & Design
- Equipment List Development
- Piping & Instrumentation Diagrams

ENGINEERING MANAGEMENT

- Responsibility Matrix
- Milestone Deliverables
- 3D/BIM Design Reviews
- Constructability Reviews
- Progress Estimates
- Value-Engineering Analysis

EQUIPMENT PRICING & SELECTION

- Uniform Specifications
- Product Variation Summary
- Production Uptime Warranties
- Production Efficiency Req's
- Factory Acceptance Tests
- Commissioning

EQUIPMENT INSTALLATION & STARTUP

- Scope Development
- Solicity & Pre-Qualify Contractors
- Request for Proposals (RFP)
- Competitive Bid Analytics
- Shutdown Protocols
- Infrastructure Connections
- Commissioning