PRINCIPALS & PRODUCTS WE REPRESENT

KELVION INC., THERMAL SOLUTIONS (formerly GEA Rainey) – Catoosa, Oklahoma

Heat Exchangers
- Air-cooled Heat Exchangers constructed from carbon steel, stainless steel and exotic alloys to withstand pressures in excess of 12,000 psig, API 661 and non-API designs
- Fully Winterized units, Fully Assembled Modularized Designs
- Electronic Monitoring Systems for Air Coolers for process optimization and energy efficiency
- Replacement tube bundles for air-cooled heat exchangers
- Air-cooled steam condensers
- Compact Fin Heat Exchangers

Air Cooled Condensers
- Custom engineered steam condensing solutions.
- Direct Dry Cooling
- Multi row designs
- Alex tube
- Multi row – A-tube designs

Cooling Towers (Formerly GEA Polacel)
- Modular cooling tower concept
- Suitable for all capacities

HEURTEY PETRO-CHEM SOLUTIONS /PETRO-CHEM DEVELOPMENT INC. – Houston, Texas

- Fired heaters for all petroleum and petrochemical applications
- Fired heater revamps including fast tracked rebuilds
- Reformers – Hydrogen, Methanol, Ammonia
- Fired heater engineering studies
- NOx reduction systems for heaters including SCR, turbines, HRSG’s, boilers and IC engines
- High temperature, reforming and pyrolysis furnaces including styrene steam superheaters, EDC crackers, steam reformers, acetic acid crackers, etc.
MANOIR INDUSTRIES – Paris, France

- Manufacturer of Tubes, Coils and Transfer lines for fired heaters, reformers and high alloy specialized furnaces.
- Specialize in syngas reformers, ethylene crackers, DRI process gas heaters
- Steam – reforming furnaces for the production of ammonia, methanol and hydrogen
- Steam cracking furnaces for the production of ethylene
- Full range of standardized and high grade alloys

DETROIT STOKER CO. – Monroe, Michigan

Solid Fuel Combustion Technology

- Hydrograte stokers
- Rotograte stokers
- Reciprograte stokers
- Rotary Seal Feeders, Double Flap Air Locks
- Fuel distributors and rotary seal feeders
- Combustion system inspection, repair and rebuild services
- Quality replacement parts for all STOKER FIRED EQUIPMENT

LoNox Burners

SCHENCK PROCESS LLC.
STOCK EQUIPMENT COMPANY – Chagrin Falls, Ohio

- Coal flow systems (bunker to pulverizer/bunker to stoker)
- Gravimetric & volumetric feeders, coal valves, etc.
- Coal Scales
- Bulk material valves
- Non-pressurized gravimetric bulk material feeder
- Burner line valves
- Conical non-segregating distributors
- Complete bulk material handling equipment including:
  - Bulk Reception Units
  - Drag chain conveyors (enmasse)
  - Belt Conveyors
  - Apron Feeders
  - Yard Feeders
  - Stacker and Reclaimers
  - Trippers
  - Bulk material intake systems
  - Bucket & Belt elevators
  - Drop forged chain
  - Ash and fuel handling systems
**SCHENCK PROCESS MINING – Chagrin Falls, Ohio**

- Screens – banana multi-slope, horizontal flat deck, inclined, de-watering, special purpose
- Centrifuges-coarse coal
- Belt scales-several types
- Bin weighing systems-load cells
- Vibrating feeders-several different types
- Train load out systems

**AUMUND Group – Kennesaw, Georgia**

- Bulk material handling equipment
- Bucket elevators
- Apron feeder/conveyor
- Pan conveyers
- Chain conveyer
- Rotary discharge systems for silo’s, storage halls, stock piles and silo’s
- Clinker Silo Technology

**Samson Material Feeder**

- Discharge conveyor which receives bulk materials from trucks, railcar or front end loaders
- Mobile solutions for ports and terminals
- Mobile shiploaders, stackers, import hoppers
- Telescopic spout to load materials into trucks and ships

**Schade**

- Stacker, Reclaimers
- Circular stockyards
- Longitudinal stockyards
- Stockyard blending systems
- Railcar unloading systems

**SOUTH-TEK SYSTEMS, LLC – WILMINGTON, South Carolina**

- NITROGEN GAS Generators from air on demand
- Pressure Swing Absorption Gas Generators are used for corrosion resistance for many power plant applications including HRSG layup, Ammonia purge and Natural Gas purge.
- Generators are designed in a full range of capacities.
- ONSITE ON DEMAND NITROGEN GENERATION
• General service, globe style control valves designed to match any general service requirement. ANSI pressure classes 125-600.
• Severe duty globe style control valve. 0.75” though 20” sizes, ANSI pressure class 150-4500.
• Severe duty, critical service design with multiple trim selections.
• Nuclear certified, ASME N and NPT stamps
• Direct and indirect acting pneumatic diaphragm actuators

**Desuperheaters**, all types and complete range

• Mechanical atomizing for attemperating applications on steady loads
• Variable annulus desuperheater
• Variable orifice type VO-11, VO-76, high pressure and temperature service (ANSI 1500 and above)
• Steam assisted desuperheating stations

**Steam Conditioning Valves**

• Pressure reducing and desuperheating valve
• Direct steam converting valve

**JMS FABRICATED SYSTEMS – Latrobe, Pennsylvania**

• Abrasion Resistant Wear Materials
• Alumina Ceramic Tiles
• Silicon Carbide Abrasion resistant materials
• Ceramic wear components including engineering, design, metal fabrication and installation. Specialists in industrial and thermal power station wear applications; ceramic lined burner nozzles, PC elbows.

**KANSAS CITY DEAERATOR – Overland Park, Kansas**

• Deaerating feed water heaters
• 10,000 PPH to 10,000,000 PPH capacities

**TEIKOKU USA INC. – ChemPump Houston, Texas**

• Zero leakage canned motor pumps for all seal less applications
• High temperature applications
• All types including horizontal, vertical, steam jacketed, multi-stage, self-priming and slurry applications