

# PENTAD ASSOCIATES, INC.

PH: 303-688-4070

E-Mail: [help@pentadassoc.com](mailto:help@pentadassoc.com) Website: [www.pentadassoc.com](http://www.pentadassoc.com)

## MANUFACTURERS' REPRESENTATIVE FOR INDUSTRIAL EQUIPMENT

### Boilers & Burners

Firetube & Watertube Boilers, Process Heaters  
Commercial & Industrial Burners, Duct Burners

### Boiler Room Auxiliaries

Feedwater Systems, Critical Fuel Systems, Chemical Feed Systems  
Burner Management & Control Systems  
Fans & Dampers

### Heat Transfer & Recovery Products

Heat Exchangers, Economizers, Air Dryers & Preheaters

### Steam Turbines & Steam Surface Condensers

Single & Multi-Stage Steam Turbines and Surface Condensers  
Steam Turbine Generators

### Gas, Air & Water Filtration

Industrial Water Treatment, Air Pollution Control and Gas & Liquid  
Filtration Systems  
RTO, SCR & Catalytic Oxidation Systems

### Rental & Reconditioned Equipment and Equipment Service

Heat Exchanger & Boiler Reconditioning, Equipment Rental & Service

### Flare Systems

Flares, Flare Gas Recovery Systems, Thermal Oxidizers, Vapor Control  
Systems



Kelvion



SIEMENS



**bfs INDUSTRIES, LLC**



## Flare Systems

Air, Steam & Gas Assisted, High Pressure/Low Pressure Staged, Sonic Multi-Point, Ground, Enclosed Ground, Exploration & Production Non-Assisted/Utility, Liquid, Vent, Flare Gas Recovery, Biogas & Landfill, Thermal Oxidizers, Pilots, Flare Control Systems, Structures

## Boilers

Firetube & Firebox (Wetback and Dryback) - Pressures up to 300 PSIG  
Watertube (up to 500,000 lbs/hr) - Pressures up to 1250 PSIG  
Waste Heat (up to 400,000 lbs/hr) - 900 PSIG.; 1-40 MW  
Electric and Condensing (500,000-4 MM BTU/hr)

## Burners

Low NOX / Ultra Low NOX, Gas & Oil (1 to 300 MM BTU/hr)  
Duct, Rotary Kiln, Fluid Bed, Radial Wall, Ethylene Cracking  
Process Heaters

## Feedwater Systems

Tray and Spray Deaerators (200 to 400000 lbs/hr)  
Condensate Tanks, Feedwater Pumps, Blowdown Tanks

## Fans & Dampers

Butterfly, Guillotine, Louver, Diverters & Tee Dampers  
Centrifugal, Axial Fans

## Controls

Boiler Management, Combustion Control  
HDMI Screens and Monitors

## Chemical Feed Systems

Metering Pumps, Chemical Feed Tanks & Systems  
Glycol, Filter & Bypass Feeders

## Heat Exchangers

Gasketed Plate & Frame, Welded, Brazed, Double-Wall  
Shell & Tube, Fin Fan, Spiral & Air Cooled  
Air Dryers & Air Preheaters

## Steam Turbines & Surface Condensers

Standard Single Stage (1 hp-4,000 HP) and Standard Multi-stage,  
(670 hp-9,400 HP)  
Engineered Multi-stage (670 HP- 94,000 HP)  
Engineered Steam Turbine Generator Sets (3MW - 100 MW)  
Steam Surface Condensers (10MW to 1000MW output)

## Air Pollution Control, Industrial Water Treatment and Gas & Liquid Filtration

Pulsejet Fabric Filter Dust Collectors, Venturi & Packed Bed Scrubbers,  
Tower Packing  
Regenerative Thermal Oxidizers (Flameless NOx-Free Abatement),  
SCR & Catalytic Oxidation Systems  
RO Systems, Ultra Filtration, Condensate Polishing & Clarifiers  
Simplex, Duplex & Automatic Strainers  
Coalescing Filters

## Rental & Lease Equipment

Boilers (30 HP to 250,000 PPH)  
Chillers (20-600 tons), Flare Systems

## Service, Reconditioning & Upgrades

Plate & Frame and Shell & Tube Heat Exchangers – All Brands & Sizes  
Single & Multi-Stage Steam Turbines – All Brands & Sizes  
Boiler Reconditioning  
Used & Reconditioned Equipment – Boilers, Chillers, Heat Exchangers,  
Steam Turbines

