## PRODUCTS FOR STEAM AND PROCESS

**Burners**
- GLSF Free Jet Ultra-Low NOx Burners
- GB Low NOx, Dual Fuel Burner
- Register and Venturi Style Retrofit Burners
- Fluid Bed Start-Up Burners and Gas Lances
- Over Bed / Over Stoker Start Burners and Support Burners
- DB-LN Duct Burners

**Utility and Industrial Burner Systems**
- Forced Draft Fans
- Windbox
- Fuel Trains
- Burner Management System (BMS)
- Combustion Control Systems
- Over-Fire Air Systems
- Flue Gas Recirculation (FGR)
- Scanner Systems

**Pilots / Ignitors**
- Flexible Ignition / Warm-Up Guns for T-Fired Units
- Class 1 Gas / Oil Pilots and Warm-Up Guns
- Class 2 Gas / Oil Burner Support Pilots
- Class 3 Gas / Oil Pilots with HE capability
- Class 3 Special HE Only (Rigid and Flexible)

**Optimization Kits**
- Z-Jet Low NOx Kits (Gaseous and Liquid Fuels)
- Ultra-Low Steam Usage Atomizers and Tips

**Safety / Control Systems**
- Solid State
- Programmable PLC
- Single Point, Parallel Point
- Fully Metered Cross Limited Control
- O2 Trim, VFD Fan Draft Control

**Flexible Fuel Capability**
- Natural Gas
- No. 6 Fuel Oil
- No. 2 Fuel Oil
- Blended Oils
- Refinery Gases
- Waste Oils
- Opportunity Fuels
- Low Btu Gases
- Blast Furnace Gases
- Coke Oven Gases
- Landfill Gases
- High-Viscosity Fuels

## SERVICES

**On-Site Technical**
- Start-Up
- Installation Supervision
- Preventative Maintenance
- Service Contracts
- Operator Training
- Aftermarket Parts

**Flow Modeling Center**
- Physical and CFD Modeling
- Combustion Air Systems
- Flue Gas Recirculation Systems
- Over-Fire Air Systems
- Exit Gas / Stack Modeling
- Selective Catalytic Reduction

**Engineering Studies**
- Environmental Compliance
- Efficiency Audits
- Fuel Conversions
- Capacity Increase
- Carbon Footprint Reduction

**Turnkey**
- Coordinating Supply
- Equipment Modification
- Demolition / Installation
- Start-Up
- Operator Training
- Site Management

## CONTACT US

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ZEECO® FIRING SYSTEMS - UTILITY BOILERS

Comprehensive Engineering Studies
- Environmental Compliance
- Efficiency Audits
- Fuel Conversions
- Capacity Increase
- Carbon Footprint Reduction

Burners
- T-Fired and Wall Fired Burner Systems
- Ultra-Low and Low NOₓ (all fuels)
- Retrofit Kits
- High Efficiency
- Opportunity Fuels
  - Landfill Gas, Waste Gas
- Firing System Optimization

Services
- Full Turnkey Services
- Coordinating Supply
- Equipment Modification
- Demolition / Installation
- Start-Up
- Operator Training
- Site Management

Safety / Control Systems
- Solid State
- Programmable PLC
- Single Point, Parallel Point, Fully Metered Cross
- Limited Control
  - O₂ Trim, VFD Fan Draft Control

Primary / Secondary Air Systems Flue Gas Flow Modeling
- Physical and CFD
- Combustion Air Systems
- Flue Gas Recirculation
- Over-Fire Air Systems
- Exit Gas / Stack Modeling
- Selective Catalytic Reduction
- Pressure Drop Reduction
- Increase Efficiency

Pilots / Ignitors
- Flexible Ignition / Warm-up Guns for T-Fired Units
- Class 1 Gas / Oil Pilots and Warm-Up Guns
- Class 2 Gas / Oil Burner Support Pilots
- Class 3 Gas / Oil Pilots with HE capability
- Class 3 Special HE Only (Rigid and Flexible)

Optimization Kits
- Z-Jet Low NOₓ (Gaseous / Liquid Fuels)
- Ultra-Low Steam Usage Atomizers and Tips
- Flame Scanners
  - UV / IR Flicker Frequency
- Flexible Fiber Optic
- Visible Light

Liquid Fuel Atomizers
- Waste Oils
- Blended, Light, Heavy Oils

Fuel / Air System Upgrades
- Cost-Effective Solutions