



We create solutions that exceed industry requirements, partnering with our clients to customize equipment that uniquely meets their needs.

### **Low Pressure Emissions Combustor**



# Tested and Certified to QUAD O Regulation

(EPA 40 CFR 60, Subpart OOOO)



### **QUAD O Combustor Features**

- » Fully Enclosed: Class 1 Div I / Class 1 Div II compliant
- » Free-Standing: Rated for 100 mph winds without the use of guy wires
- » Power Source Options: Solar or line power
- » Selection of Burner Management Systems
- » Pre-Conditioning of Fuel Gas System available
- » Cold-Weather Package Choices: Reducing freezing issues
- » Superior Materials: Includes high temperature insulation
- » Operations Safety Features: Air intake flame arrestors
- » Easy service-access of external horizontal pilot assembly
- » Grounding lug permanently attached to skid
- » Start-up assistance available
- » On-site operation training
- » Operations Manual provided, including trouble-shooting section
- » Finish: Painted to customer specifications



### QUAD O Combustors Standard Models – Please call for your custom needs

20" Diameter (not including skid dimensions)

- 18' overall height
- 2,560 lbs. total weight
- Max Load Capacity: .36 MM btu/hr

24" Diameter (not including skid dimensions)

- 23' overall height
- 4,290 lbs. total weight
- Max Load Capacity: 1.3 MM btu/hr

30" Diameter (not including skid dimensions)

- 22' overall height
- 8,360 lbs. total weight
- Max Load Capacity: 1.73 MM btu/hr

36" Diameter (not including skid dimensions)

- 28' overall height
- 9,800 lbs. total weight
- Max Load Capacity: 3.13 MM btu/hr

42" Diameter (not including skid dimensions)

- 25' overall height
- 12,700 lbs. total weight
- Max Load Capacity: 3.67 MM btu/hr

48" Diameter (not including skid dimensions)

- 26' overall height
- 16,570 lbs. total weight
- Max Load Capacity: 4.97 MM btu/hr

60" Diameter (not including skid dimensions)

- 35' overall height
- 42,540 lbs. total weight
- Max Load Capacity: 7.2 MM btu/hr



### **VOCinerator** TM Patented Emissions Elimination Device

- BTEX Destruction Efficiency: 99.9%
- NOx Emission Factor = 0.02 lbs NOx / MMBTU
- Destroys VOC and BTEX emissions
- Patented vortex design allows cooling to occur, lowering pollutants created by high temperatures, such as NOx
- Automated Controls- Selection of Burner Management Systems available
- Smokeless



### ASME Certified Code Shop Vessel and Custom Fabrication

- 65,000 square foot facility
- Resources and equipment to provide custom products specifically designed for custom applications and needs
- Vessel fabrication, inspection and testing in accordance with ASME Code
- Stainless steel and aluminum welding services
- ASME BPV (American Society of Mechanical Engineers Boiler and Pressure Vessel) Code Certified: U Certificate
- National Board Certified: R Certificate



## ASME Certified Code Shop Capabilities

- » Metal Bending and Forming
- » Metal Rolling
- » Pipe Profiling
- » Plate Shearing
- » CNC Plasma Cutting



# ASME Certified Code Shop Specialized Equipment



#### **CNC Vernon Pipe Profiler**

- » 5-Axis: Custom penetrations and cuts in a variety of configurations
- » Conforms to AWS Welding Codes for tubular structures

#### **Plate Roll**

- » 4-Roll CNC plate roll
- » Accommodates up to 10' x 1-1/2"



Portfolio Sampling



Please contact us to discuss how we may assist in fulfilling your standard or custom equipment needs.

#### We look forward to working with you!



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