

**English Boiler & Tube, Inc.**

**P.O. Box 50218 Henrico, VA 23250-0218**

**804-226-8227 Fax: 804-226-9321**

**sales@englishboiler.com**

**www.englishboiler.com**

**Date** \_\_\_\_\_

**Inquiry Data Form**

**Submit Inquiry Data Form Using One of these Methods:  
Print Form and Fax to 804-226-9321 - Email Form to sales@englishboiler.com**

Firm Quotation

Budget Quotation

Project Name \_\_\_\_\_

Project Location \_\_\_\_\_

**Number of Units** \_\_\_\_\_

**Select Product from List and Specify Boiler Type**

For Product Descriptions Refer to the Products Page at [www.englishboiler.com](http://www.englishboiler.com)

Industrial Package Watertube Boilers: Natural Gas - Heavy and Light Oil - Waste Heat  
 "D" Type  "O" Type  "A" Type  "A-A" Type  BTBF (Multipass) Type

Solid Fuel Boilers : Wood - Coal - Biomass  
 "CP" Type  "CD" Type  "Hybrid" Type  "A" Type  "A-CP" Type  "HRT" Type

Forced Circulation High Temperature Hot Water Generator (HTHW)  
 "BTBF" Type (Flex Type)  "FK" Type (Lamont Style)

Wasteheat or Heat Recovery Steam/Hot Water Generator (HRSG)  
 Firetube  Watertube  HRSG

Firetube Boilers \_\_\_\_\_

Shop Modular Boiler and Water Treatment Modules \_\_\_\_\_

# Specifications

Boiler Capacity \_\_\_\_\_  pph  kg/hr

Design Pressure \_\_\_\_\_  psig  barg      Operating Pressure \_\_\_\_\_  psig  barg

Design Temperature (Saturated) \_\_\_\_\_  °F  °C

Superheated Temperature \_\_\_\_\_  °F  °C

Feed Water Temperature \_\_\_\_\_  °F  °C      Elevation (FASL) \_\_\_\_\_

## Fuel

**If Fuel Analysis is available, show Analysis including BTU/lb in Comments section on final page of this form .**

**Primary Fuel**     Natural Gas     Heavy Oil  
 Light Oil     Waste Heat  
 Solid Fuels  
 Wood     Coal     Biomass  
 Anthracite  
 Bituminous  
 Other : List \_\_\_\_\_

**Secondary Fuel**     Natural Gas     Heavy Oil  
 Light Oil     Waste Heat  
 Solid Fuels  
 Wood     Coal     Biomass  
 Anthracite  
 Bituminous  
 Other : List \_\_\_\_\_

## Emissions

NOx \_\_\_\_\_  #/mmbtu  ppm

CO \_\_\_\_\_  #/mmbtu  ppm

SOx \_\_\_\_\_  #/mmbtu  ppm

VOCs \_\_\_\_\_  #/mmbtu  ppm

TSPs \_\_\_\_\_  #/mmbtu  ppm

PM<sub>10</sub> \_\_\_\_\_  #/mmbtu  ppm

## Emissions

NOx \_\_\_\_\_  #/mmbtu  ppm

CO \_\_\_\_\_  #/mmbtu  ppm

SOx \_\_\_\_\_  #/mmbtu  ppm

VOCs \_\_\_\_\_  #/mmbtu  ppm

TSPs \_\_\_\_\_  #/mmbtu  ppm

PM<sub>10</sub> \_\_\_\_\_  #/mmbtu  ppm

**Economizer**     Yes     No

**Combustion Controls:**     Single Point     Parallel Positionig     Full Metering

**Feedwater Control System:**     Single Element     Two Element     Three Element

### Boiler Trim

**English Standard Boiler Trim -- No Selection Required**

Safety Valves Per ASME  
Bottom Blowdown Valves  
Continuous Blowdown Stop Valve  
Continuous Blowdown Metering Valve  
Vent Valve  
Chemical Feed Stop Valve  
Chemical Feed Check Valve  
Steam Pressure Gauge  
Steam Pressure Gauge Drain Valve  
Steam Gage Stop Valve  
Steam Pressure Gauge Test Valve  
Main Steam Non Return Valve

Feedwater Check Valve  
Feedwater Stop Valve  
Feedwater Control Valve Assembly  
    Global Bypass Valve (1)  
    Stop Gate Valve (2)  
Water Column w/Primary Low Water Cut-Off  
Water Column Drain Valve  
Water Column Tri Cock Valves  
Tubular Gauge Glass w/Valves  
Auxiliary Low Water Cut Off  
Auxiliary Low Water Cut-Off Stop Valve  
Low Water Cut-Off By Pass Shunt Button  
ASME Spool Piece With Freeblow Drain Valve

**Optional Boiler Trim Valves and Instruments -- Select Options From The Following List**

- Main Steam Stop Valve
- Feedwater Control Valve
- FDwater Regulating Valve Drain Valve
- Loop Controller For FW Control Valve
- Drum Level Transmitter
- Drum Level Transmitter Isolation Valves
- Drum Level Transmitter Drain Valve
- Feedwater Pressure Transmitter
- Feedwater Pressure Gauge 4.5
- Drum Pressure Transmitter
- Drum Pressure Transmitter Isolation Valve
- Drum Pressure Transmitter Drain Valve

**Continue Option Selection on Next Page**

**Option Selection Continued**

- SH Pressure Transmitter
- Superheater Drain Valve
- Superheater Vent Valve
- Superheater Inlet Header Drain
- Superheater Inlet Header Vent
- Superheater Inlet Sample
- SH Steam Temperature Transmitter
- Feedwater Flow Transmitter
- Feedwater Flow Transmitter Isolation Valves
- Feedwater Flow Transmitter Drain Valve
- Feedwater Temperature Transmitter
- Economizer Isolation Gate Valves
- Economizer Bypass Valve
- Economizer Flue Gas Temp Gauge In&Out
- Economizer Feedwater Temp Gauge In & Out
- Economizer Feedwater Pressure Gauge In & Out
- Economizer Vent Valve
- Economizer Drain Valve
- Steam Flow Transmitter
- Steam Saturated Temperature Transmitter
- Combustion Air Flow Transmitter
- Gas Flow Meter
- Oil Flow Meter
- Combustion Air O2 Analyzer
- Flue Gas O2 Analyzer
- Sootblower:    Manual    Electric    Sonic

**Continue Option Selection on Next Page**

**Option Selection Continued**

- Sootblower Stop Gate Valve
- Sootblower Drain Valve
- Atomizing Steam Stop Valve
- Atomizing Steam Temperature Transmitter
- Auxiliary Steam Stop Valve
- Other Instruments/and/or Valves (List in Comments Section Below)

If the Burner is to be furnished and installed by others, provide the following information:

Minimum Furnace Width \_\_\_\_\_ Ft. Height \_\_\_\_\_ Ft. Length \_\_\_\_\_ Ft.  
Maximum Allowable Pressure Drop for the Boiler, Economizer, and Breeching \_\_\_\_\_ in. W.C.

**Enter comments and/or additional information in the space provided below:  
Show Fuel Analysis including BTU/lb if available.**

Name \_\_\_\_\_  
Company Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Country \_\_\_\_\_  
Email \_\_\_\_\_ Phone Number \_\_\_\_\_

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