



# Boiler Blowdown Cost Analysis Input Sheet

For help or information, call 1-800-225-6989

**For systems selection and sizing, as well as payback analysis, complete as much of this form as possible and FAX it to GESTRA at 502-266-5397**

Name: \_\_\_\_\_ Title: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

## BOILER DATA

**Type:** Watertube      Firetube      Other: \_\_\_\_\_

**Steam Generation Rate (lb/h)**      **Boiler Pressure (psig)**

Maximum: \_\_\_\_\_ Design Max. \_\_\_\_\_  
 Normal: \_\_\_\_\_ Normal: \_\_\_\_\_  
 Minimum: \_\_\_\_\_ Backpressure (downstream of blowdown valve) \_\_\_\_\_ psig

Blowdown goes to:      Receiver      Heat Recovery      Sewer / Drain

## Plant Water Data

**Feedwater Conductivity:**      mmho      ppm      **Actual Boiler Water Conductivity**

Maximum: \_\_\_\_\_ Maximum: \_\_\_\_\_ mmho      ppm  
 Normal: \_\_\_\_\_ Normal: \_\_\_\_\_  
 Minimum: \_\_\_\_\_ Minimum: \_\_\_\_\_  
 Boiler Conductivity Target:      mmho      ppm

## BOILER INSTALLATION DATA

**Continuous Surface Blowdown:**

Line Size (inches): \_\_\_\_\_ Valve Connection Desired: \_\_\_\_\_ Flanged (ANSI      RF)  
 BW      SW      NPT

Any special requirements: \_\_\_\_\_

**Intermittent Bottom Blowdown:**

Line Size (inches): \_\_\_\_\_ Valve Connection Desired: \_\_\_\_\_ Flanged (ANSI      RF)  
 BW      SW      NPT

Current Valve Design:      Rapid Acting      Slow Acting      Manufacturer/Type: \_\_\_\_\_  
 Blowdown Frequency/Procedure: \_\_\_\_\_

## HEAT RECOVERY

Currently have:      Yes      No      If Yes, type: \_\_\_\_\_

Interested in additional savings by having heat treatment?:      Yes      No

## ECONOMIC DATA

Estimated Cost of Treated (e.g. \$/1000 lb): \_\_\_\_\_ Estimated Cost of Steam (e.g. \$/1000 lb): \_\_\_\_\_

2341 Ampere Drive • Louisville, KY 40299 • USA • Tel: 502.267.2205

800.225.6989 • Fax: 502.266.5397 • www.flowserve.com

**FAX** completed form to 502-266-5397