

Why do a Boiler Useful Life Study?

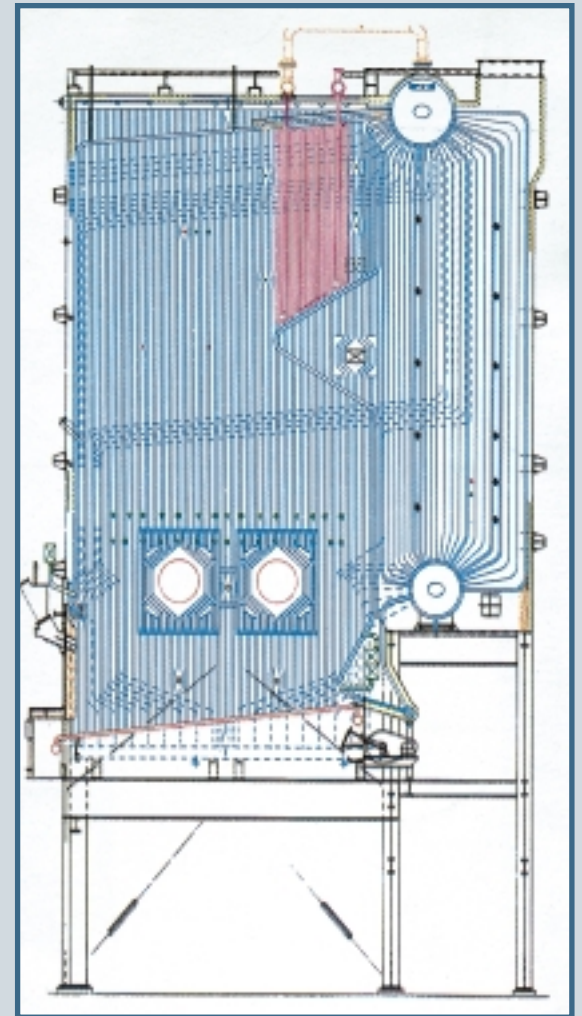
There are many reasons for conducting a "Boiler Condition and Useful Life Study," including:

- Budget boiler maintenance and repair
- Help plan and schedule major boiler maintenance and repair
- Improve boiler reliability
- Improve boiler safety
- Economic assessment of boiler replacement or repair
- Provide information on capital budgeting
- Reduce boiler and production outages

With state-of-the-art equipment and years of experience, Briem Engineering's staff of Professional Engineers and Certified NDT Technicians can provide practical answers to your boiler problems.



4134 Rider Trail North
St. Louis, MO 63045



Boiler Useful Life Studies



Briem Engineering
MATERIAL TESTING & ENGINEERING

4134 Rider Trail North • St. Louis, MO 63045
Phone: (314) 298-3773 • Fax: (314) 298-7097

Boiler Evaluations

Briem Engineering is a materials engineering firm specializing in failure analysis, material testing, and non-destructive examinations. Boiler evaluations are supported by non-destructive techniques that include :

- Remote Field Testing for tube inspection
- Dye Penetrant and/ or Magnetic Particle Testing for drum or tube sheet ligament evaluations
- Ultrasonic Thickness Measurements of drums, tubes and headers
- Turner Gauge for water scale thickness measurement
- Articulating fiber optic and micro-video borescope for evaluation of tubes and headers

Engineering calculations are used to determine minimum required thickness, corrosion rates and remaining life of all pressure containing parts.

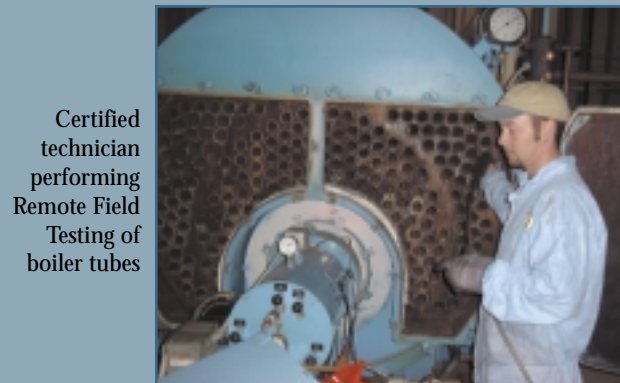
Boiler Evaluations

Comprehensive Examinations

Turner Gauge measurements for water scale thickness



Articulating fiber optic borescope evaluation of boiler tubes



Certified technician performing Remote Field Testing of boiler tubes

Fax Back (314) 298-7097

I want more information:

If you would like a budget cost estimate for a comprehensive boiler evaluation, please complete and fax to our engineers at 314-298-7097.

My boiler type is: My boiler rated capacity is:
☐ Firetube _____ pounds/hr.
☐ Watertube _____ Horsepower

My boiler has been in service: Boiler fuel
☐ 10-15 years ☐ Natural Gas
☐ 15-30 years ☐ Fuel Oil
☐ Over 30 years ☐ Coal

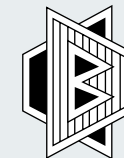
Name

Company Name

Address

Phone ()

Fax



Briem Engineering
MATERIAL TESTING & ENGINEERING

4134 Rider Trail North • St. Louis, MO 63045
Phone: (314) 298-3773
Fax: (314) 298-7097
email: jimb@briemeng.com