Introduction:
According to Energy and Environmental Analyses Inc. (USA), boiler energy consumption represents 40% of the total energy costs in the industrial and commercial sectors. Source: Characterization of the U.S Industrial Commercial Boiler Population, May 2005.

Commercial and Industrial operations continue to search for ways to reduce operating costs, as well as, minimize their environmental impact. GreenTech Purified Tannin can provide an immediate reduction in fuel and water – without capital expenditure.

<table>
<thead>
<tr>
<th>Traditional Treatment</th>
<th>GreenTech Purified Tannin Treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treatment applied for 20 years – good results</td>
<td>Treatment began 2/1/2012 – signs of boiler cleanup</td>
</tr>
<tr>
<td>Sulfite - O₂ scavenger/Polymer – dispersant/ Neutralizing Amine – corrosion inhibitor</td>
<td>Purified Tannin - O₂ scavenger &amp; dispersant/ Neutralizing Amine – corrosion inhibitor</td>
</tr>
<tr>
<td><strong>Boiler Parameters Maintained:</strong></td>
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</tr>
<tr>
<td>6000 uMHOS conductivity (4000 neutralized)</td>
<td>19,500 uMHOS conductivity (15,000 neutralized)</td>
</tr>
<tr>
<td>600 ppm “P” Alkalinity</td>
<td>≥2000 ppm “P” Alkalinity</td>
</tr>
<tr>
<td>≥11.0 pH</td>
<td>11.0 to 12.0 pH</td>
</tr>
<tr>
<td>40 ppm Sulfite Residual</td>
<td>Replaced Sulfite with GreenTech PT</td>
</tr>
<tr>
<td>6.5% blowdown</td>
<td>2% blowdown</td>
</tr>
<tr>
<td><strong>Condensate Parameters Maintained:</strong></td>
<td><strong>Condensate Parameters Maintained:</strong></td>
</tr>
<tr>
<td>5 to 20 uMHOS</td>
<td>5 to 20 uMHOS</td>
</tr>
<tr>
<td>8.0 to 9.0 pH</td>
<td>8.0 to 9.0 pH</td>
</tr>
<tr>
<td><strong>Fuel Usage</strong> – 0.174445 MCF/Ton</td>
<td>Fuel Usage - 4.5% reduction with no capital expense</td>
</tr>
<tr>
<td>Sewer – 19,700 gallons</td>
<td>Sewer – 38% reduction with no capital expense</td>
</tr>
<tr>
<td>Total ROI (factoring in cost of treatment) -</td>
<td></td>
</tr>
</tbody>
</table>

Summary:
Why should your manufacturing operation consider this program?
- Immediate reduction in fuel and water reduces operating cost without a capital investment.
- Green, biodegradable technology is safer for the employees and the environment.
- Simplified treatment and control reduces operator’s time and worries.

**INCREDIBLE COST SAVINGS FROM DAY ONE!**
Reduce overall boiler operating costs by up to 25%
GREENTECH for Boiler Water Treatment

Be Green
Replace your existing Steam Boiler chemicals with one drum of this natural product made with high performance tannin molecules:
- Non-toxic
- FDA, USDA, Kosher, Organic acceptable
- Safe to handle and store
- Conserve energy, fuel and water
- Reduce carbon emissions

Be An Energy Saver
This unique product will allow you to save on energy. Through its exclusive composition, you will be able to drastically increase the cycles of concentration on your boilers, old or new:
- Use less energy to produce the same amount of steam: averaging 1-3 % of energy saving
- Use less steam to preheat the deaerator
- Get rid of your build-ups: Guarantee to clean up your boiler in a 12-24 months

Be Wise on Spending
No need to invest significant dollars to begin saving significant dollars on Day One:
- Energy, Fuel, Manpower and Water savings will more than pay for your treatment
- No capital investment required
- Immediate ROI that you can spend on other needs
- Initial energy analysis to highlight the key changes that will happen

Be In Control
We are continuously improving our tools to ease your job:
- Clear milestones for every step of the process
- Monitoring and Feed Control program is simplified compared to conventional treatments
- According to your budget, we can suggest and install the latest automated equipment

Be Serviced by an Experienced Team
We have expert resources to ensure there a good fit and to provide application guidance:
- Sharing the experiences of visiting multiple boiler rooms
- Regular training for our technical team
- Being an International organization bringing multiple approaches to improvement

Be Amongst the Leaders
We have experience with treating all types and sizes of boilers. Learn what others have: results are delivered.

Make a change for the future and be a leader in your community by improving the efficiency of your operation and go green at the same time. Both small customers and large corporations have already chosen to treat their steam boilers with this unique technology.