Case Study
Paper Manufacturer

Award Winning Energy Saving and Asset Protection Coatings

GEOGRAPHICAL AREA:
SE United States

ISSUE:
A large paper manufacturer was looking for a solution for safe touch and insulation of their boilers.

SOLUTION:
Heat Shield™ EPX-H2O
Coverage: 6-coats

RESULTS:
✓ Surface temperature reduction of -189.5°F (-105.3°C).
✓ Lowered energy consumption.
✓ Provided a safe touch solution for employee safety.
✓ Long lasting - 5-10 years.

During a recent boiler trial at a large paper mill, we showed the plant manager just how powerful our technology works. Even through heat was radiating around the small test patch where our EPX-H20 coating was applied on the end caps, which of course reduces the overall results, the thermal images below show that our coating resulted in a clear and substantial difference.

<table>
<thead>
<tr>
<th>BEFORE COATING</th>
<th>AFTER COATING</th>
<th>DIFFERENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Celsius Temperature</td>
<td>175°C</td>
<td>69.7°C</td>
</tr>
<tr>
<td>Fahrenheit Temperature</td>
<td>347°F</td>
<td>157.5°F</td>
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</tbody>
</table>

SHOWS CURED THICKNESS OF EPX COATED SECTION ON BOILER END (approximately 6-coats)