



Rumford Industrial Group Inc.

Cooling Tower Fan Blade Repair/Protection | October 2009

VISIT OUR LINKS:



Belzona®: The global first choice for industrial protective coatings & repair composites with application capabilities.



Belesta®: A new force in the field of boundary lubrication of Industrial Machinery and Equipment!

Would you like to

- Reduce power consumption/cost?
- Reduce equipment wear?
- Overcome problems of noise, vibration or overheating?

Belesta® can help!



[Rumford Industrial Group Inc.:](#)

Greetings,

Businesses that operate out of large and medium size facilities have a responsibility to protect against corrosion and reduce condensation effects. Products such as protective coatings and durable polymers are used to protect against corrosion in most cases.

The majority of large commercial buildings, whether they are used for manufacturing products or providing services, have fan systems that reduce the effects of condensation. The fans and fan blades must eventually be repaired, though, or they will not be able to provide the task that they were built to perform. **[Rumford Industrial Group Inc.](#)** can provide answers to almost any question that you have on the best ways to reduce condensation and corrosion on industrial equipment.

FAN BLADE EDGES REBUILT WITH BELZONA®

- Rebuild and protect damaged cooling tower fan blade edges

Customer:

Power Plant in Mississippi, USA

Problem:

UV degradation, erosion and impingement had caused damage to both the leading and trailing edges of the cooling tower fan blades. This, in turn, caused inefficient tower operation and raised concerns about blade replacement in the near future.

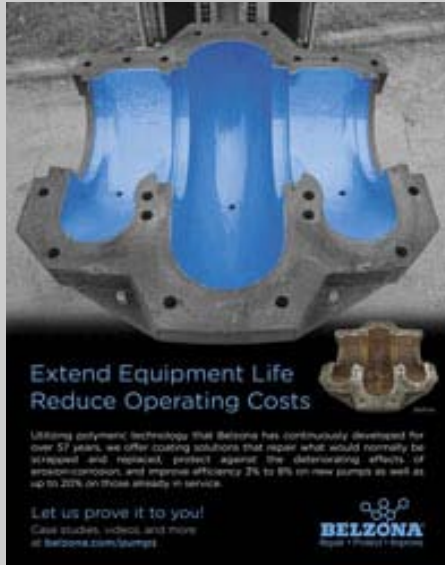
Products Used:

[Belzona® 1321 \(Ceramic S-Metal\)](#)



Anywhere and anytime, RIG/CIG consultants and applicators fly to the rescue of industry. Able to rebuild damaged equipment and machine components, Faster than conventional methods, foiling the corrosion/erosion attacks, escaping the costs of replacement while restoring them to good as new.

DID YOU KNOW?



Belzona has the ability to reduce your pump-systems operating cost by as much as 20% when you consider the following:

- [Cost Effective Repair Systems](#)
- [Smoothing Corroded Surfaces](#)
- [Protective Coating](#)
- [Efficiency Enhancement](#)

Proven Results

- [Article](#)
- [Testimonial Letter](#)
- [Case Study](#)

Technical Paper

- [Coating Increases Performance](#)

Application Method:

The application was carried out in accordance with the following:

Belzona Know-How Leaflet FBC-1

Belzona Facts:

This huge cooling tower has ten individual cells. Each cell contains eight cooling tower blades, and all ten cells were refurbished with the aforementioned Belzona Know-How technique.



FLANGE FACE REBUILD (VIDEO):

Click the image below to learn more!



This video shows the use of Belzona® to repair and protect chillers/heat exchangers effectively and easily in any situation. We hope you enjoy and benefit from the video, interview and case history given in this newsletter.

[[Rumford HOW TO Video Archive](#)]