

**BUSAN<sup>®</sup>  
BIOCIDES**



**PROTECT  
YOUR MILL**

with Busan® biocide solutions from Buckman.



Want to stop the microbes that can stop productivity?

You are in the pulp and paper business to grow profits, not microorganisms. Get the power of Busan, the first name in microbicides. First a pioneer and now a global leader in the fight against fouling in mills, Buckman offers Busan solutions for every part of the process, from influent to effluent.

Continually improved, our advanced line of products is more effective than ever, keeping water clean, helping equipment run better, reducing energy use, reducing downtime, and improving efficiency throughout the papermaking process. Better yet, with six decades of experience serving the paper industry, we have the expertise to identify and solve your microbiological problems fast.



## Dozens of active ingredients. One goal: complete control.

### **Busan® biocide solutions**

Through our Busan line, we have more than 50 active ingredients at our disposal to provide everything from broad-spectrum control to targeted applications. You can look to us for:

- Bacterial and fungal protection
- Slime control
- Mold inhibition
- Spore control

With Busan, you get peace of mind, too, because our products are formulated to help you meet regulatory requirements.

### **Keep all of your processes running clean**

Buckman can customize a solution for you that will control deposits in:

- Alkaline papermaking
- Acid papermaking
- Freshwater
- Effluent
- Cooling water
- Deinking

### **Eco-friendly choices**

Our new, patented biocide technology provides one of the greenest biocide options in the business. No free chlorine. No

strong oxidant. And little or no reaction with organic and chemical demand. Ask about it!

### **Preservatives**

We also provide preservation solutions for:

- Raw materials
- Market pulp
- Additives
- Size press
- Coatings
- Clay
- Carbonates
- Polymers

## CASE STUDY

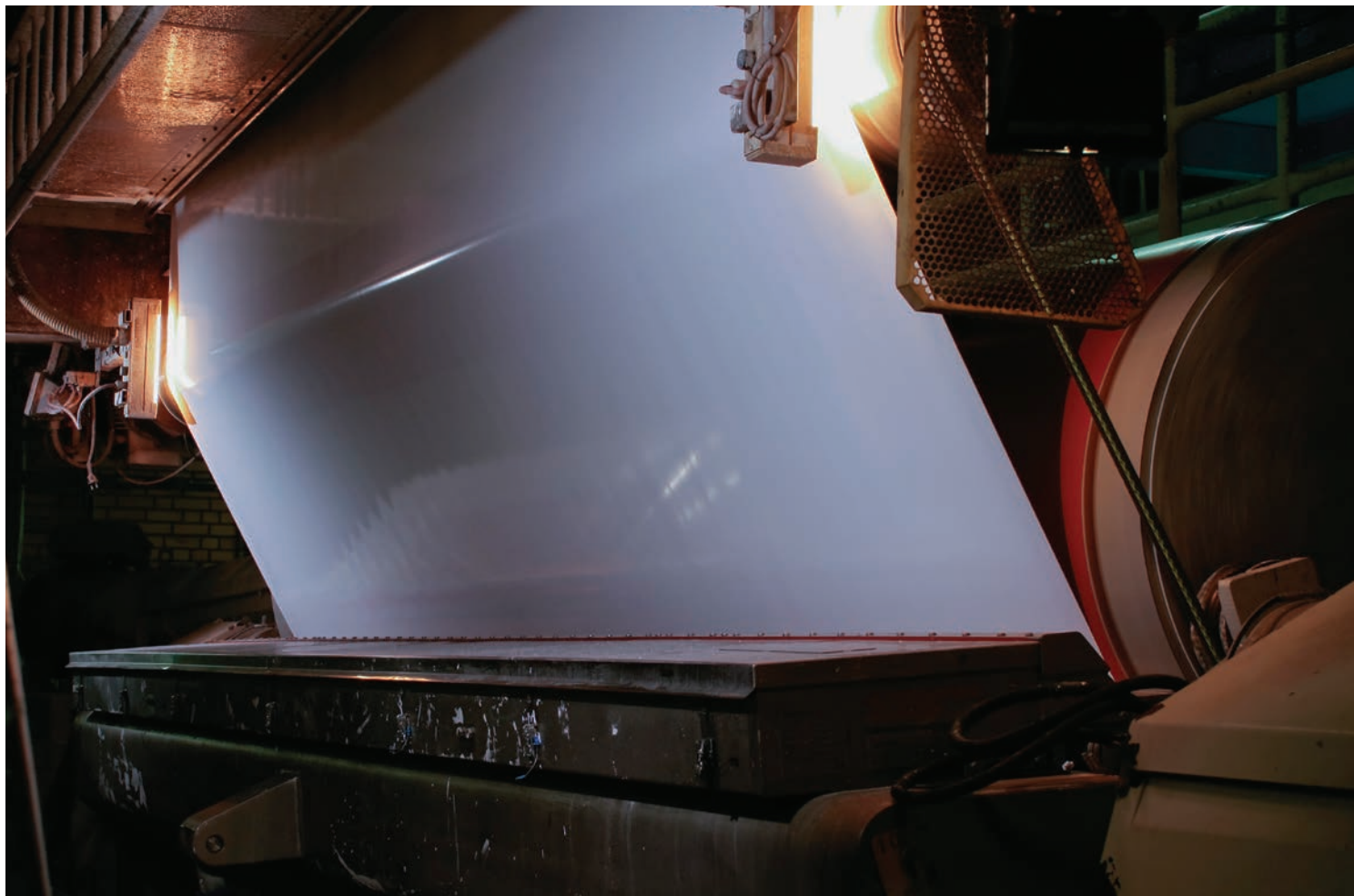
**The Challenge:** An alkaline fine paper mill producing 800 tons per day of coated paper was averaging 20 splices a day at the re-winder. With average splice time at 10 minutes, downtime for this machine cost approximately \$2000 per hour. The mill looked to Buckman and our Busan<sup>®</sup> chemistries for help.

**The Solution:** We applied a deposit control program that increased the cost per ton by \$1.50 but resulted in a reduction in splices from 20 to an average of just 6 per day.

**Return on Investment:** About \$1 million.

## LEARN MORE

Eliminate the microbes that can kill productivity in your mill. Find out how you can boost efficiency and save money with Busan solutions from Buckman. Contact your local Buckman representative, or visit us online at [buckman.com](http://buckman.com).



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Argentina +54 11 4701-6415; Australia +61 (2) 6923 5888; Belgium +32 9 257 92 11; Brasil +55 (19) 3864-5000; Chile +56-2) 2946-1000; China +86-21) 6921-0188; India +91) 44-2648 0220  
Indonesia +(62) 21-2988 8288; Japan +(81) 3 6202 1515; Korea +(82) 31-416 8991; Mexico +52 (777) 329 3740; Singapore +(65) 6891 9200; South Africa +27 (31) 736 8800; United States +1 (901) 278-0330

Global Headquarters at 1256 N. McLean Blvd., Memphis, TN 38108, USA