



# The **TURNER & COATES** Global Examiner

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**DURING** a press briefing held on Thursday November 3rd at the Trois-Rivières Mill in Mauricie, Québec, global paper, packaging and tissue manufacturer Kruger Inc. revealed that their Number 10 Paper Machine (PM10) re-build project is proceeding on time and to budget. News which reflects particularly well on us here at Turner & Coates.

We were commissioned to begin our high-profile project with Kruger in June 2016, which involves us in the expediting and inspection of vital equipment to assist with this large-scale re-build which, to date, has represented more than 500,000 man-hours of work undertaken by various contractors, over the past 20 months.

## Turner & Coates proves the perfect solution for CMPC

IT gives us great pleasure to announce that we have been instructed to provide full equipment inspection services to CMPC Celulosa, during the delivery of the new white liquor plant - by Finnish pulp, paper & energy specialist Valmet, at its Laja Mill in Central Chile.

Aimed at driving up improvements in CMPC's environmental and safety performance, the new white liquor plant, built by Valmet, will also play a significant role in reducing the company's day-to-day operational costs.

## High-profile Québec project comes rolling in from Kruger

Announced jointly by Kruger Inc. and the Government of Québec back in September 2015, the \$250 million PM10 project has created more than 200 jobs and involved over 80 third-party businesses, including Turner & Coates.

We enjoy a long-standing relationship with Kruger that spans over four decades, and notable assignments have included the Chatham Wind Farm project in Ontario and the Bromptonville Boiler Project in Sherbrooke, Québec.

Once the overall project is completed in May 2017, the Trois-Rivières Mill will commence the manufacture of 100% recycled lightweight and high-strength linerboard, for which demand continues to increase throughout North America and, indeed, around the world. During the project's final phase, from February 26th to May 7th 2017, PM10 will cease production of newsprint, to allow more than 350 people to work in rotating shifts for 20 hours a day, to complete the re-build.

Kruger has invested \$250 million into the project to ensure optimal results. Well before work got under way, Kruger's engineers toured many manufacturing plants in North America and Europe to find the best technology for fabricating 100% recycled lightweight, high-strength linerboard of the best possible quality.

Marketed as XTR, the new linerboard grades to be manufactured by the PM 10 will meet increasing international demand for ultra-light packaging without compromising strength, performance or environmental footprint. PM10's annual production will total 360,000 metric tonnes of XTR linerboard - an exclusive product that Kruger Inc. will be the first to manufacture in North America.

"Our involvement with this exciting project lasts until January 2017," says Turner & Coates Managing Director Neil Coulborn, "and it's been a real profile builder for our company."



Our strong relationship with CMPC began back in 2004, and prominent commissions have included inspection services on both the Pacifico Turbo Generator and Oxygen Reactor, and the Santa Fé Energy Project.

Established in 1920 and employing more than 16,800 people across the globe, CMPC Celulosa manufactures and distributes solid wood, pulp, paper, packaging and tissue products to over 30,000 clients in 45 countries worldwide.

Our involvement in this exciting and prestigious project began in early November, and we will be conducting site visits to the Laja Pulp Mill to inspect all the integral equipment at various stages of the installation process, until February 2017.

A strongly alkaline solution comprising sodium hydroxide and sodium sulfide, white liquor is used during the first stages of the Kraft process, in which lignin and hemicellulose are separated from cellulose fibre for the production of pulp.

The new CMPC Celulosa plant will also have a caustic lime kiln, for efficient chemical recovery. Once complete, it will have a capacity of 5,500 m3 of white liquor per day.

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\* Calls on our dedicated North American numbers can be made until 12 noon EST