

## Construction of a renewable fuel plant in Port-Cartier

In Port-Cartier, on the St-Lawrence's North Shore, the Bioénergie AE Côte-Nord consortium, in partnership with AXOR Experts-Conseils are involved in the construction of a renewable fuel plant that will convert residual forest biomass into renewable fuel.

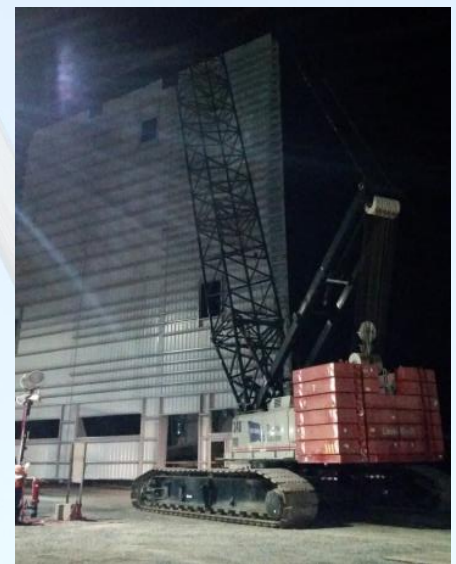
In order to shorten the construction schedule, it was decided to construct a part of the building's structure in prefabricated panels, while at the same time assembling components for the hot process in place on the floor of the future building.

In June, AXOR chose to work with Tessier Limitée as their lift engineering consultant to help them to find the best way to execute this project. Many scenarios and simulations were evaluated and rejected before establishing the definitive solution to assemble the plant.

Tessier Limitée's 300 t crawler crane was required on site in the middle of November to perform the lifts. Many hours of labour and logistic planning were necessary to design, fabricate and test the lifting hardware specific to this project as well as to bring back the crane to Port-Cartier, by ship, which was on another jobsite, at the Meliadine mining operation, near Rankin Inlet, NU.



*Panel « K » being raised*



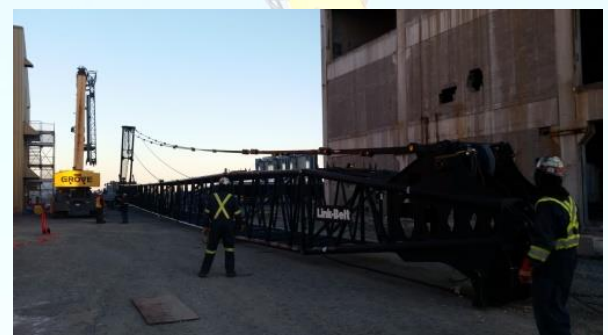
*300 t crane crawling with the panel « K »*



*Panel « K » in vertical position*



*Panel « K » at its final position*



*Assembling 250 ft of boom*

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**Tessier  
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The crane arrived on November 1st, 2017 on the Claude A. Desgagnés, and was ready to lift the first panel (Panel "K") (25 m wide, 27.5 m high, 36 500 kg) on November 8th. Because of the wind considerations, the lift was done on November 9, starting at 04h30 and ending at 06h15. The panel was crawled with the crane on a distance of over a 100 m before being lowered on its anchoring points on the plant's floor.

The following week, the crane's boom was lengthen to 250 ft in order to be able to perform the lifts of the second panel (Panel "G2" – 25 m x 12m high x 24 000 kg) and the roof (25 m x 16 m wide x 25 000 kg). Being at the winds' mercy, we have to wait the late afternoon on November 14th to lift the second panel and the roof. At 21h45, both panels are in place and Tessier Limitée has fulfilled its commitment. The rest of the structure will be erected piece by piece.



*Lift of panel "G2"*



*Lifting the roof*

*We can see in the background the assembled panels that form the structure of hot process section of the plant.*



## Renewal of ISO 9001-2015 accreditation

In May, Tessier successfully obtained the recertification of its Management system and quality assurance in accordance with ISO 9001-2015.

This certification allows us to be a leading partner for our customers, while remaining a successful and recognized company.

Also this year, it's the 20<sup>th</sup> anniversary of Tessier's ISO quality system.

« Always Innovate Through Effective Services for Satisfied Customers »  
Our motto: « Always be proud of what we do to always be proud of who we are. »



**20<sup>TH</sup> anniversary**



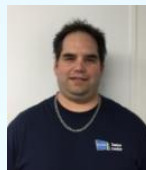
### Operations – Foreman – Tessier Ltd. at Sept-Iles

Since April 23rd, Mr. Keven Simard joined our team has Operations – Foreman Sept-Iles.

Mr. Simard main functions is planning, coordinate, supervise construction and site staff, and control day-to-day operations and execution of work on job site.

Mr. Simard has experience as team leader and operator in operations, coordination & work planning. He worked for companies mainly in Sept-Îles, in stowage, handling and transport by truck.

More recently, he was an Operator / Dispatcher for Iron Ore Company of Canada.



### Technical Advisor – Tessier Ltd. at Baie-Comeau

Since May 22nd, Mr. Alain Tremblay joined our team has Technical Advisor.

Holding a diploma of professional studies in industrial machinery, Mr. Tremblay held various positions related to management and support in the mechanical and sales departments.



### Clerk - Accounts payable – Tessier Ltd. at Baie-Comeau

Since May 28, Mrs. Esther Besrest joined our team has Clerk – Accounts payable during summer season.

Currently studying with a 2<sup>nd</sup> year completed for a Bachelor in Accounting, Mrs. Besrest is currently working as an administrative assistant in a construction company.

She has also worked as a financial services advisor with the Bank of Montreal.

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## Other employees dedicated to operations and maintenance Boreal Cranes Inc. in Wabush

### Branch Manager – Boreal Cranes Inc. in Wabush

Since March 1st, Mr. Scott Jones was promoted to the position of Branch Manager for Boreal Cranes Inc.

Mr. Jones is responsible for planning, organizing, supervising and controlling all Boreal Cranes Inc.'s operational, commercial, financial and administrative activities.

Mr. Jones has been at the employment of Tessier since 2012 as Dispatcher for the Sept-Iles branch operations. From Blanc-Sablon, Mr. Jones obtained a Bachelor of Business Administration from Memorial University in Newfoundland and Labrador in 2008. He started off his career by occupying varied positions in project management and coordination in Nunavik and in the Montreal region before joining Tessier.

- Daniel Bourque – **Crane Operator**
- Andre Brideau – **Welder**
- Brad Giles – **Crane Operator**
- Steven Jamieson – **Crane Operator**
- Christian Landry – **Parts Clerk**
- Jason Melanson – **Crane Operator**

## OUR SERVICES

### Tessier Limited

- ✚ *Mobile and crawler crane rentals up to 350 tons*
- ✚ *Certified lifting trials and weight test rentals*
- ✚ *Stowage (ship loading and unloading)*
- ✚ *General and heavy handling*
- ✚ *Intermodal Transshipment (rail, sea, road)*
- ✚ *General and oversized road transportation*

### Boreal Cranes Inc.

- ✚ *Mobile and crawler crane rental (up to 330 tons)*
- ✚ *Certified lifting tests and standard weight rental*
- ✚ *Marine container rental*
- ✚ *Site trailer rental*
- ✚ *General and heavy handling*
- ✚ *Intermodal transfer (rail, maritime, road)*
- ✚ *General and nonstandard road transportation*
- ✚ *Towing*
- ✚ *Telescopic lift truck rental*

## CONSULTING SERVICES

*Always attentive to new industry requirements, Tessier and Boreal Cranes introduced its complete lifting engineering service several years ago. From lift plan preparation to onsite supervision, customers enjoy turnkey services ensuring safe and reliable operations.*

## TESSIER AND BOREAL CRANES WORKING TOGETHER

*By working together, Tessier and Boreal Cranes can provide a full range of lifting engineering services at a competitive price, certified by an engineer with certification in Quebec, in Nunavut and also in Newfoundland & Labrador. They also share equipment, giving them both accesses to a significantly larger fleet.*

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