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The Iron Press

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Absorber Duct Work is Underway

We started fabrication of another Flue Gas Desulfurization project in June, 2011. This project consists of two units, each unit is made up of fourteen modules.

The overall length of each unit is approximately 242 feet, the width 65 feet at its widest point and the height is approximately 40 feet. Our lead project manager on the job, Carl Campbell, has calculated nearly 2,300,000 pounds (1150 tons) of steel for the approximate combined weight of the units.

Fabrication is expected to run 51 consecutive weeks; starting in June of 2011 and is anticipated to last until mid to late April of 2012.

Currently, we have the first module for

Unit 1 complete (*see picture to the right*) and panel construction for Unit 2's first module is well underway.

The Flue Gas Desulfurization technology will be used to remove sulfur dioxide from the exhaust at a coal powered power plant.

According to Campbell, "This project is a very large and complex piece of duct-work, but with all of the talent here at Moran Iron Works it will soon be another job in the record books."



above: Flue Gas Desulfurization module

2011 Fourth of July Parade Unveiling

The Moran Iron Works 2011 4th of July unveiling was met with much excitement and although the parade route had to be changed this year due to construction, everything went off without a hitch. For months many speculated what Tom Moran would come up with to meet the same impressive standards as years past. This year, yet again he topped himself when he presented the Lexington; the first nautical piece Moran has ever produced.

The Lexington is a loose replica of the 1776 Revolutionary War ship, this ship was made infamous as being the first American naval ship to capture a British vessel. She continued in her career to capture eight additional ship and sink three, until her own capture in 1777.

This nautical themed artwork has a counterweight system inside which causes the masts and sails to tilt down easily. This is used when moving under low power lines. Two of the four cannons in the bow of the boat are powered by theatrical charges enveloping the parade route in smoke and loud cannon explosions. Also on board is a carbon dioxide cannon that launches custom made t-shirts to the parade crowd. The Lexington is almost 60 feet long and the mast is 40 feet tall, she weighs almost twelve thousand pounds, with two ton of that being the counterweights for the masts.



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Employee Corner Featuring: Terry Xaiver

Terry is an Alpena native who has been living in Onaway for the past eight years. He is currently enrolled at Alpena Community College in the CAD Engineering Technology program and is expected to graduate in the spring of 2012.

Terry and his wife plan on remaining in the Onaway area after his completion of school. During his spare time he enjoys camping, canoeing and many of the other outdoor activities available in Northeast Michigan. Looking toward the future he plans to continue his education by pursuing a further degree in engineering.

Terry has been a valuable asset to our Project Management team since his arrival in May.



moraniron.com



Upcoming Events

Coal-Gen Conference & Exhibition

Mid-August 2011

Columbus, Ohio

www.coalgen.com

Power-Gen International

December 13-15, 2011

Central Halls Las Vegas, NV

www.powergen.com

Update: Baghouse Modules Taking to the Water

On July 25 a tug and barge pulled into our deep water port on Lake Huron to be loaded, lashed and to begin the first of three barge trips that it will take to ship this portion of this project.



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