

## **MUNROE DELIVERS BIG JOB IN A HURRY FOR A FLORIDA BIOMASS CONVERSION**

When two boiler fabrication shops fell behind schedule on a large biomass boiler conversion project, losing schedule was not an option. The project OEM needed a solution; Munroe was that solution.

The job: thirteen large waterwall panels, inclusive of gang bending and headers. The schedule: A job that typically takes months, needed to be on-site in a matter of weeks or the customer would be on the hook for sizable liquidated damages.

Normally, a job of this magnitude would require at least 4 months of work, but Munroe was able to complete the work in just eight weeks, thanks to a dedicated workforce and an innovative workflow software program.

Working six days a week, the Munroe team utilized the resources of two of its three facilities to complete the panels. The Youngstown facility constructed and “gang” bent the panels which were then shipped to the Ambridge facility where the headers were assembled and welded to the panels.

The on-site Construction group took delivery of the panels and immediately used them to assemble the boiler and complete the project in a timely manner. The outage schedule was maintained, the panels fit perfectly and the project was completed on time.

### **Innovative software helps keep job on schedule.**

Munroe put workflow software—Microsoft Project—to effective use to help complete the job.

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The software facilitates the production flow of jobs in all three Munroe facilities through advanced scheduling and improved work organization. The software also made tracking the job progress very simple and easy and allowed Munroe to provide detailed, weekly updates to the Project Manager.

Stated Sales Manager Tony Manuel, “Our customer was in a very tough situation; they had a big job with a very challenging deadline. As usual, our people were up for the challenge and really went above and beyond to get the job completed. Having the technology that the Microsoft Project software provides really helped us manage the job and coordinate the work flow between our facilities. The job was completed on time and the customer was very happy. That’s our goal with every job.”

***About Munroe Inc.*** *Munroe produces stringently engineered equipment for demanding applications in the steel, power, paper, petrochemical and waste industries. Munroe products include BOF and EAF hood components for the steel industry and boiler components such as super heaters, re-heaters, economizers, membrane wall panels and heat exchangers. Munroe supplies components to many OEMs and fabricates replacement and retro-fit components for end users. The company is headquartered in Pittsburgh, PA and has more than 300,000 square feet of fabrication space at three fully-equipped manufacturing facilities in Ambridge, PA, Youngstown, OH, and Ringgold, GA.*

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