

## MUNROE ANSWERS U.S. STEELMAKER'S NEED FOR FURNACE HOOD

*Pittsburgh, PA*— Last May, a major U.S. steelmaker called on Munroe, Inc. to build a new upper hood for the producer's most critical Basic Oxygen Furnace ("BOF"). Within the next few weeks, Munroe, a leading manufacturer of world-class quality BOF hoods and EAF panels will ship that hood.

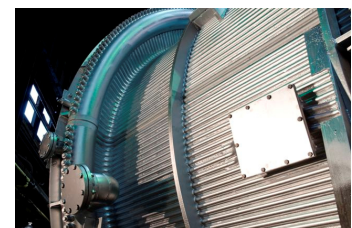
The quality of the hood is critical because it is exposed to extremely severe service on a daily basis. Any lapse in quality could easily lead to costly delays and outages.

Munroe fabricated the 20' diameter hood in three (3) sections and then cut it into six (6) sections to facilitate over the road transport.

Prior to shipping, each section was built and trial fit at Munroe to ensure proper "field" assembly. Munroe's 230,000+ square foot Youngstown, Ohio facility and large overhead crane capacity made the assembly fast and efficient.

Where possible, the hood sections were panel welded via the submerged arc welding process in order to obtain a smooth and consistent weld profile. To ensure all of the sections fit together properly, special fixtures were fabricated by Munroe.

The membrane used to assemble the hood was a custom-width, double-beveled bar. This was necessary in order to provide the customer with full penetration welds and to maintain



he proper tube spacing/geometry. The quality of the welds and precise geometry of the overall unit will ensure a smooth installation and reduce field construction costs.

“Our number one goal was to provide our customer with the finest quality hood”, stated Sales Manager Tony Manuel. “That goal has been achieved.”

Once the hood is on-site, installation is expected to be completed by early fall.

**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.*