

MAKING NEW FROM OLD AN EDUCATIONAL TOUR



MEMPHIS REGIONAL
CHAPTER



The largest structural steel mill in the western hemisphere is 65 miles north of Memphis on the banks of the Mississippi River. Nucor-Yamato Steel Company recycles nearly 2.5 million tons of scrap steel annually to create new structural steel products. Nucor Corporation is the nation's largest recycler, using over 19 million tons of scrap steel in 2008 to create new products. Products from the Nucor-Yamato mill in Blytheville typically contain over 90% recycled content.

The USGBC-MEM tour of Nucor-Yamato Steel will include an overview of the entire steel making process from the recycling of mixed steel scrap to shipping. The tour will start in the scrap yard, then view the Electric Arc Furnaces where the scrap is melted to approximately 3000F. The steel is then cast into a semi-finished shape, which includes either a beam blank, bloom, or slab. The tour's next stop will be a Rolling Mill, where 2300F semi-finished shapes are rolled into either a wide flange beam, S-beam, H-piling, angle, channel, sheet piling, or other unique section. The finished product travels across a cooling bed and is straightened to meet tolerances. It is then inspected and bundled for shipment via truck, rail, or barge.

The tour will depart downtown Memphis for the Blytheville facility on a bus (approximately 1 hour). On our way, USGBC-MEM will present a case study on recycled steel and its contributions toward the LEED NC Recycled Content credits.

We hope you will join us for this unique opportunity.



When and Where:

October 30, 2009; 12noon - 5:00pm. Includes travel time from downtown Memphis to Nucor-Yamato in Blytheville, Arkansas.

Cost:

\$20 members / \$30 nonmembers
Cost includes transportation and lunch.

Transportation and Lunch:

Transportation will be provided. A bus will leave a downtown Memphis location (TBD) at 12 noon. A light lunch and beverages will be served on the bus.

CEU Credits:

(3) AIA/CES credits in the SD category will be available to AIA members completing the tour. Please provide your AIA number if CEUs are desired.

RSVP/Directions/Restrictions:

To reserve your spot please RSVP by emailing peter@anfa.com by Friday, October 23rd. Space is limited to 28 participants. Nucor requires a minimum 18 years of age for the tour. Details regarding departure, parking, and lunch will be provided to those who RSVP.

For a preview of the facility on our tour check out this video: <http://www.youtube.com/SteelDayTV> click "Uploads" and the "National Environmental Report" video