

Industrial



IPSCO Metals Mobile, Alabama

*Manufacturing
Facilities*

Metal Products

Carpenter Wright Engineers, under contract to Kvaerner Metals of Pittsburg, provided structural engineering services for the \$425 million hot-rolled steel coil and flat products production facility in Mobile, Alabama. The plant, which uses scrap steel as its primary raw material, has a production capacity of 1,250,000 tons per year.

The facility consists of the Melt Shop Building, Reheat Furnace Building, Rolling Mill Building, Shear Leveler Building and Shipping Building. The Rolling Mill Building contains what are considered to be the largest one-piece cast mill housings in the world, weighing approximately 350 tons each. The facility houses numerous cranes, ranging up to a capacity of 310 tons in the Melt Shop Building to 30 tons in the Shipping Building. Crane runway beams were designed for spans up to 114 feet.

Client: *Kvaerner Metals, Inc.*

Owner: *IPSCO, Inc.*

CWE Design Offices:

**Nashville
Knoxville**