

Cupola Control Project

- Cupola Furnace:
 - Charged with coke, metal, and other materials
 - Hot air blast with oxygen added
 - Diameters from 2' to 15', melt rates from 1 to 200 tons per hour
 - An essential part of most cast iron foundries
- Project Goal:
 - Develop intelligent control of meltrate, temperature, and carbon composition
 - Develop less reliance on operator experience and develop tools for automatic control

