

# FAST FACTS

## SunCoke's Middletown Cokemaking Operations

**OPERATING SINCE** 2011

**OVENS** 100

**PRIMARY CUSTOMER** Cliffs Steel – Middletown Blast Furnace #3

**LOCATION** 3353 Yankee Road  
Middletown, OH 45044

**PHONE** (513) 727-5571

**COKE PRODUCTION CAPACITY (annual)** 550,000 short tons

**ABOUT THE COMPANY** SunCoke is the largest independent U.S. producer of coke, currently supplying approximately 4.2 million tons to some of the nation's leading integrated steelmakers. We have U.S. cokemaking facilities in Virginia, Indiana, Ohio and Illinois, and international operations in Vitoria, Brazil.

**WHAT IS COKE?** Coke is a key ingredient in the production of steel. It's made by heating metallurgical coal in large-scale, specially-designed ovens to more than 2,000 degrees Fahrenheit, which leaves behind a carbon-rich product called coke. The coke is shipped to a steel mill where it's mixed with iron ore and other elements, like limestone, and heated again in a blast furnace as part of the steel-making process.

**HEAT-RECOVERY TECHNOLOGY** Our advanced technologies produce high-quality coke and capture waste heat to generate power and reduce environmental impacts. In our heat-recovery process, gases released from the coal are thermally destroyed inside the coke ovens, and sole flues and hot gas ducts provide sufficient temperature and turbulence to eliminate virtually all organic compounds.

**POWER GENERATION** Excess heat from our coke ovens is converted to steam and/or electricity through steam generators and turbines. The Middletown operation generates approximately 45 megawatts of electricity per hour, which is delivered to AK Steel's adjacent facility.



SunCoke Energy®