



Middle Tennessee Mines

USA

Fast Facts

MINE TYPE: underground zinc mines

PRODUCTS: zinc concentrate

EMPLOYEES: 325



Location

The Middle Tennessee Mines are located within approximately 10 miles of each other in Smith County, Tennessee. The complex is located approximately 100 miles from Nyrstar's Clarksville smelter.

OVERVIEW

Middle Tennessee is comprised of two underground zinc mines; Gordonsville and Cumberland, and a processing plant located at the Gordonsville mine site.

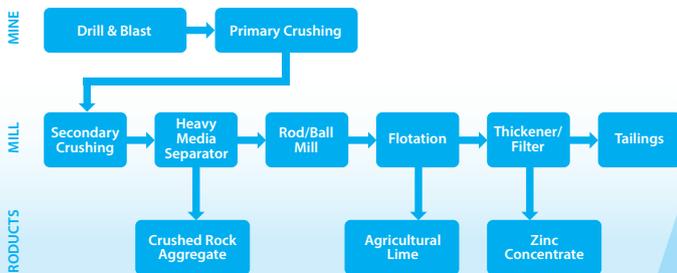
Middle Tennessee is a zinc mine with significant resource potential. Zinc mineralisation at the mine complex occurs in Mississippi Valley-type deposits as open-space fillings of breccias and fractures within limestone and dolomites.

Similar to the East Tennessee zinc mine complex, the Middle Tennessee zinc mine complex has a history of close association with Nyrstar's Clarksville smelter, which was originally constructed to treat zinc concentrate from the mines. Ore mined at the two mines is processed into zinc concentrate at the Gordonsville zinc mine complex.

Along with zinc concentrate, Middle Tennessee delivers recoverable amounts of germanium and gallium as by-products to the Clarksville smelter.



PRODUCTION PROCESS AT TENNESSEE



Middle Tennessee, and the world of Nyrstar

Nyrstar Tennessee Mines, USA



- 1 **AUBY** Smelter, *France*
- 2 **BALEN / OVERPELT** Smelter & Oxide Washing Plant, *Belgium*
- 3 **BUDEL** Smelter, *The Netherlands*
- 4 **HOYANGER** Fumer, *Norway*
- 5 **EAST TENNESSEE** Mine Complex, *USA*
- 6 **MID TENNESSEE** Mine Complex, *USA*
- 7 **CLARKSVILLE** Smelter, *USA*
- 8 **HOBART** Smelter, *Australia*
- 9 **PORT PIRIE** Multi-metals Processing Facility, *Australia*

THE WORLD OF NYRSTAR

Nyrstar Middle Tennessee Mines are part of Nyrstar, a global multi-metals business, with a market leading position in zinc and lead.

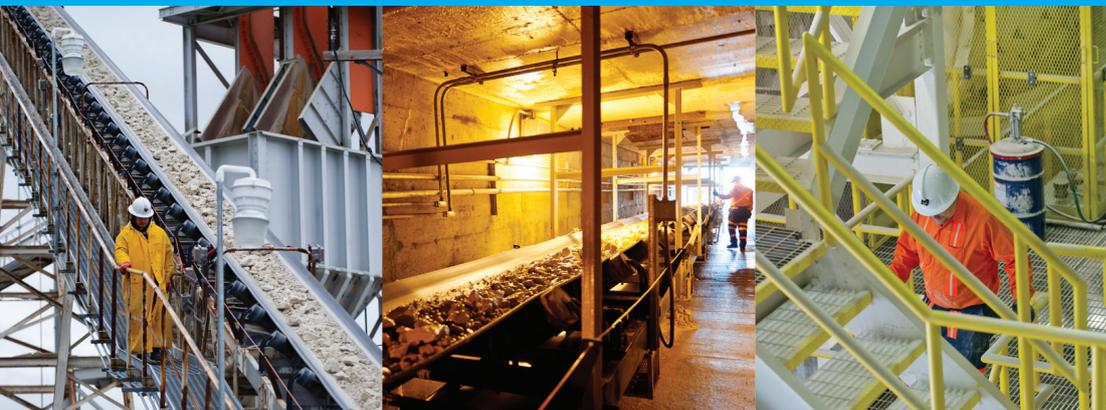
Nyrstar has mining, smelting and other operations located in Europe, the United States and Australia and employs over 4,000 people.

The company's global operations are located close to key customers and major transport hubs to facilitate delivery of raw materials and distribution of finished products.

In July 2019, Nyrstar's operating business became majority owned by Trafigura, one of the world's leading independent commodity trading companies. Visit www.nyrstar.com.

HISTORY

Middle Tennessee Mines have a nearly 50 year history. Nyrstar acquired and consolidated the operations in 2009. In December 2015, the Middle Tennessee Mines were put on care and maintenance, but Nyrstar commenced actions to restart operations in September 2016, and recommenced production in Q2 2017 with the site now being ramped up to full capacity.



Contact Information

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