
London, September 21, 2021

New electric arc furnace supplied by Primetals Technologies starts at ATI Latrobe in the USA

- **State-of-the-art melting capabilities for leading specialty materials producer**
- **Wide range of input materials**
- **Increase flexibility and reliability**
- **Reduces energy consumption and maintenance requirements**

Primetals Technologies is pleased to announce the start-up of an electric arc furnace it supplied to global specialty materials producer ATI for its Latrobe, Pennsylvania, USA facility. The arc furnace is designed to process a wide range of input materials and will replace equipment coming to the end of its useful life. The project also included the hydraulics for furnace movement and automation systems.

The new furnace is part of ATI's transformation of its Specialty Rolled Products business, expanding advanced capabilities through a highly efficient footprint to serve customers in aerospace, defense and other highly demanding markets. The new furnace increases flexibility and reliability while reducing energy consumption and maintenance requirements.

Primetals Technologies engineered the electric arc furnace especially for foundry applications: It is suitable for melting as well as for refining. The EAF is designed as an alternating current (AC) system, so it is optimally equipped for the specific requirements of small batches, varying charge sizes and discontinuous production. AC arc furnaces can be operated with or without hot heel. In particular, smaller casting shops that produce a large number of different steels rely on a rapid changeover of production. This lowers costs, reduces maintenance and increases the availability of the EAF. It also permits an economical batch process since the steel solidifying on the ground between batches cannot cause any damage. Additionally, increased efficiency and state-of-the-art furnace controls will significantly minimize environmental emissions.

The furnace is as well equipped with a furnace pressure control device which is connected to the upgraded dedusting system, improving the environmental situation in the plant.



The new electric arc furnace supplied by Primetals Technologies was started-up at US-American steel producer ATI at its production site in Latrobe, Pennsylvania

This press release and a press photo are available at www.primetals.com/press/

Contact for journalists:

Dr. Rainer Schulze: rainer.schulze@primetals.com

Tel: +49 9131 9886-417

Follow us on Twitter: twitter.com/primetals

Primetals Technologies, Limited, headquartered in London, United Kingdom, is a pioneer and world leader in the fields of engineering, plant building, and the provision of lifecycle services for the metals industry. The company offers a complete technology, product, and services portfolio that includes integrated electrics and automation, digitalization, and environmental solutions. This covers every step of the iron and steel production chain—from the raw materials to the finished product—and includes the latest rolling solutions for the nonferrous metals sector. Primetals Technologies is a joint venture of Mitsubishi Heavy Industries and partners, with around 7,000 employees worldwide. To learn more about Primetals Technologies, visit the company website www.primetals.com.

Primetals Technologies, Limited
A joint venture of Mitsubishi Heavy Industries and partners
Communications
Head: Gerlinde Djumlija

Chiswick Park, Building 11, 566 Chiswick High Road
W4 5YS London
United Kingdom