Press

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Primetals Technologies Modernizes Reversing Cold Mill at ArcelorMittal Eisenhüttenstadt

- **Comprehensive revamp improves product quality for silicon steel production**
- **New, custom-designed fume exhaust system significantly reduces emissions**
- **Advanced flatness control system with model-based algorithm for controlled and optimized elongation**

ArcelorMittal Eisenhüttenstadt has recently awarded the provisional acceptance certificate (PAC) to Primetals Technologies following an extensive modernization of its reversing cold mill in Eisenhüttenstadt, Germany. The mechanical scope of supply included a new strip press, a fume exhaust system, a media system, and internal mill equipment such as strip deflectors and emulsion spray headers.

The project also featured an automation upgrade including a new flatness control system, auxiliary controls for the new mechanical equipment, a drive system for the new fume exhaust system, and integrated safety logic functions.

Improved Product Quality

The modernization enables ArcelorMittal to achieve higher quality in silicon steel production. New flat bed and emulsion filters remove more impurities, resulting in cleaner strip surfaces. The new strip deflectors further improve the removal of water and oil from the strip, enhancing surface quality. With a tailormade design to ensure a perfect fit inside the facility, the new state-of-the-art fume exhaust system will significantly reduce emissions.

The automation upgrade prepares the mill to meet current and future market demands. The new flatness control system uses a model-based algorithm to enable precise, optimized strip shape adjustments, ensuring premium flatness quality. The mill is also ready for future hardware and software upgrades.

Full Value Chain Coverage

ArcelorMittal Eisenhüttenstadt is an integrated steel plant covering the entire steel value chain, from ironmaking and steelmaking to hot-rolling and cold-rolling. With an annual designed production capacity of up to 2.4 million tons of crude steel, the company employs about 2,650 people, making it the largest industrial development center in East Brandenburg. Founded in 1950, it produces flat steel for the automotive, home appliances, and enameling industries.

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Primetals Technologies has modernized the reversing cold mill at ArcelorMittal Eisenhüttenstadt.

Primetals Technologies' comprehensive revamp enables improved product quality for silicon steel production.

This **press release** and a **royalty-free picture** are available at primetals.com/en/press-releases

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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 Group Company of Mitsubishi Heavy Industries, with around 7,000 employees worldwide. To learn more about Primetals Technologies, visit the company website primetals.com.