

Investment in the site: Scheduled shutdown in Hamburg Aurubis plant has started

- » Execution of more than 450 modernization, environmental protection, and maintenance measures
- » Total investment of approx. €50 million
- » About 750 internal employees and an additional 1,200 employees from partner companies working around the clock

Hamburg, October 1, 2019 – A scheduled maintenance shutdown started today in Aurubis AG's Hamburg plant. The reason for the shutdown is the internal overhaul of the waste heat boiler in the primary smelter, which is legally mandated every three years. The entire primary smelter, where copper concentrates and recycling materials are used to manufacture copper anodes, and the associated contact plant used to produce sulfuric acid, were decommissioned for this purpose. In the next few weeks, technical renovations, maintenance, and measures to further improve environmental protection will be carried out on all of the key facilities in this area at the same time. A total of 450 individual projects will be executed, in which Aurubis invested about € 50 million.

Intensive preparation

"The term 'maintenance shutdown' doesn't quite do the project justice," said Plant Manager Jens Jacobsen, "because while we're interrupting production, we're also starting a number of complex activities to continue improving our processes and facilities." In addition to the inspection and overhaul of the waste heat boiler, the primary smelter's converters will also be replaced. In these three treatment vessels, whose steel structure alone weighs 95 tons and which are 13 meters in length, the second of the three copper production process steps takes place. Many other sub-projects in the flash smelter itself, such as restoring the lower furnace roof, and environmental protection measures, such as optimizing the off-gas system, are also on the agenda.

The execution of the shutdown is a large-scale technical and logistical project. The planning started directly after the completion of the last routine large-scale shutdown in 2016. To resume operation of the facilities as quickly as possible, the measures are being carried out around the clock, including on the weekend and on holidays without restrictions. Around 750 of Aurubis' 2,500 employees are taking part in the shutdown measures. On top of that, 1,200 employees from partner companies, suppliers, and service providers are also involved. For these employees, Aurubis has provided a separate entry management system, special security concepts, and infrastructure such as restrooms and showers, a temporary cafeteria, and parking spots, among other things.

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Occupational safety has priority

Everyone participating in the maintenance shutdown undergoes safety training lasting several hours. Without this training, they aren't permitted to enter the demarcated shutdown area. "We always place special emphasis on occupational safety. Especially during a scheduled large-scale shutdown of this complexity, the tasks at hand are unique and external partners aren't completely familiar with the on-site circumstances and special conditions. This is why we make no compromises in this area," explained Jens Jacobsen.

Scheduled maintenance shutdowns are common in many large industrial plants. Shutdowns of this magnitude take place at the Aurubis Hamburg plant every three years. This year's maintenance shutdown is scheduled to last until mid-November.

Aurubis - Metals for Progress

Aurubis AG is a leading global provider of non-ferrous metals and the largest copper recycler worldwide. The company processes complex metal concentrates, scrap metals, and metal-bearing recycling materials into metals of the highest quality.

Its main area of expertise is the processing of concentrates and recycling raw materials with complex qualities. With its range of services, Aurubis is a forerunner in the industry. The group of companies is oriented towards growth, efficiency, and sustainability. The main components of the strategy are the expansion of the leading market position as an integrated copper producer, entering new markets in industries of the future, the highly efficient and optimal recovery of additional metals and by-products from complex raw materials, and practicing a responsible attitude when dealing with people, resources, and the environment.

Aurubis produces more than 1 million t of copper cathodes annually, and from them a variety of copper products such as wire rod, continuous cast shapes, rolled products, and strip, as well as specialty wire and profiles made of copper and copper alloys. Precious metals, selenium, lead, nickel, and a number of other products such as sulfuric acid and iron silicate also belong to the product portfolio.

Aurubis has about 6,700 employees, production sites in Europe and the US, and an extensive service and distribution system in Europe, Asia, and North America.

Aurubis' customers include companies in the semis industry; the electrical, electronics, and chemical industries; and suppliers of the renewable energies, construction, and automotive sectors.

Aurubis shares are part of the Prime Standard Segment of the German Stock Exchange and are listed in the MDAX.

Further information at www.aurubis.com