**Horstmühle waterworks being fitted with valves from EBRO ARMATUREN**

*Drinking water treatment facility in urgent need of renovation*

Hagen, October 2021 – EBRO ARMATUREN is supplying nearly 250 industrial valves for the renovation of the Horstmühle waterworks, which is located 50 km north-west of Hamburg. Various EBRO valves are to be fitted inside the plant, a simple ground waterworks, to carry untreated water up to the elevated tank.

**Waterworks in need of rebuilding**

The water treatment facility at the waterworks, which was built in 1957 and had a throughput rate of 200 m³/h, had become significantly outdated even though the plant had been upgraded to 500 m³/h in 1973. Preliminary investigations carried out in 2017 revealed that, like many other waterworks in the region, it had reached the stage where it needed to be rebuilt.

**Completion planned for September 2021**

The new waterworks is to have a throughput rate of 600 m³/h and is scheduled for completion in September 2021. The plans envisage a new building with a cellar for pipes and containers for clean water underneath the filter tanks. The new waterworks will comprise ten open filter tanks, a facility for aeration and subsequent de-acidification of the untreated water, including pipeline systems, flushing water pumps and blowers as well as two clean-water tanks, settling basins for the flushing sludge, a drying bed, a clean-water pump system, switchgear and controllers.

**Opting for EBRO ARMATUREN**

EBRO ARMATUREN offers high quality at a competitive price, complemented by strong supply capability and expert staff. These factors led the companies involved to pick EBRO to supply the necessary valves, awarding the corresponding contract in January 2020.

**Extensive range available**

The nearly 250 valves in all are of four different types with nominal diameters of between DN 50 and DN 700 and include check valves, oval-type wedge gate valves, ~~wafer~~ lug pattern butterfly valves and double-flanged butterfly valves. They are actuated using AUMA actuators or manual worm gears. Delivery is scheduled to be complete by October 2021.

**Data on the Horstmühle waterworks rebuilding project**

**Valves**

Z 014-A soft-sealing butterfly valve, DN 50 to DN 600

RSK check valves, DN 80 to DN 600

Oval-type wedge gate valves, DN 150 and DN 200

F 012-K1 double-flanged butterfly valves, DN 700

**EBRO ARMATUREN**

Since the company was founded in 1972, EBRO ARMATUREN has been developing, producing and selling shut-off, control and automation technology for industrial applications. More than 1,000 employees at three national and 30 international subsidiaries ensure that EBRO products are available in over 100 countries worldwide. Within the global network, production takes place at the headquarters in Germany and in Italy, Sweden, China and Thailand with uniformly high manufacturing and quality standards. In 2005, the Swedish manufacturer Stafsjö Valves AB was acquired and the product range was extended by an extensive portfolio of knife gate valves.

The owner-managed family business sees itself as a reliable, future- and value-oriented partner for its more than 35,000 customers worldwide: customer satisfaction, quality and safety are reflected in the variety of more than 350,000 product variants, which are manufactured with high-precision technology and distributed with fast delivery performance for customers all over the world. For EBRO, it is a matter of course that, in addition to high-quality industrial valves, the corresponding drive and automation technology is also tailored as a complete unit precisely to the specific application and its requirements. This offers the customer further synergy effects in planning support, technical advice and documentation. EBRO has established itself in the market worldwide with innovative solutions, especially for demanding applications and sectors such as the chemical and pharmaceutical industry, food and beverage industry and seawater desalination.