



Outotec® Edmeston SX Piping Systems

Outotec Edmeston provides you with absolute highest quality sulphuric acid piping. Outotec Edmeston SX Piping Systems eliminate all the disadvantages of traditional materials, such as cast iron, and offer numerous benefits also compared to other alloys.

Benefits

- No leaks and maximum safety with minimized number of flanged connections
- Minimum maintenance
- Low installation cost, short installation time
- Flexibility in design and installation
- Smaller diameter piping can be used
- Clean acid, no corrosion products
- No need for inventory of spare parts
- Lifetime expectancy equals plant life

SX® stainless steel was introduced to the market by Edmeston in 1984. The introduction of SX® equipment led to a paradigm change in the industry with equipment of reduced corrosion, prolonged life time, reduced maintenance and increased plant safety. SX® is maintaining the leading position as the number one, standard for comparison, top performing alloy, for sulphuric acid service.

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ

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Features of SX piping systems:

- Welded system with minimum number of flanges
- Extremely low corrosion rate
- Good weldability
- No sensitivity to erosion or increased acid velocities
- High ductility
- Low weight
- Available from stock
- Highest quality assured through extensive quality control and NDT of all items

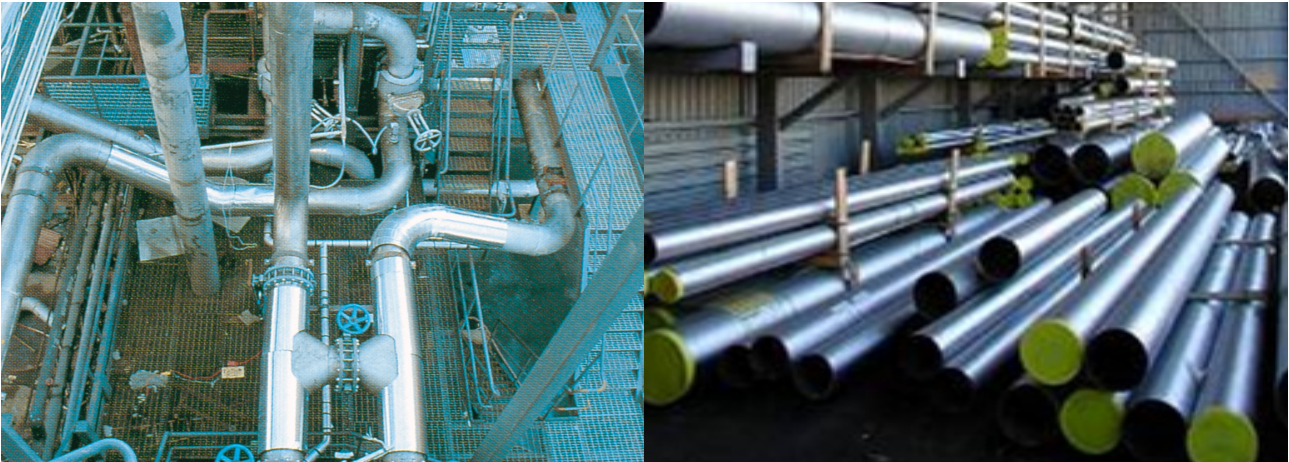
The piping systems have set a standard for sulphuric acid piping with more than 75 000 meters of SX piping in service around the world. The availability, life cycle cost and proven performance of SX piping is unparalleled.

A complete Piping Class adapted for sulphuric acid plant service conditions has been developed by Outotec Edmeston. The piping class standard is based on requirements in ISO or ASME standards and covers a size range from DN 25 (1") to DN 600 (24").

All necessary parts for a complete sulphuric acid piping system are kept in stock for immediate delivery, or for prefabrication.

Larger dimensions and tailor-made parts are manufactured according to customers need such as:

- Vortex Breakers
- Inserts, thimbles
- Dip Pipes
- Orifice Plates
- Thermo Wells
- Strainers



Outotec develops and provides technology solutions for the sustainable use of Earth's natural resources. As the global leader in minerals and metals processing technology, Outotec has developed over decades several breakthrough technologies. The company also offers innovative solutions for the chemical industry, industrial water treatment and the utilization of alternative energy sources. Outotec shares are listed on the NASDAQ OMX Helsinki.

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