



# 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, resulting in an effective and compact solution with a very long lifetime expectancy.

## BENEFITS

- No leaks and maximum safety with a minimized number of flanged connections
- Minimum maintenance
- Low installation cost, short installation time
- Highly flexible design and installation options
- Smaller diameter piping can be used
- Clean acid, no corrosion products

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

### Features of Outotec Edmeston 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
- Lightweight
- 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 over the past 35 years with thousands of meters of SX piping in service around the world. The availability, life cycle cost and proven performance of Outotec Edmeston 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. Our knowledgeable specialists provide application support based on vast expertise developed through various deliveries and years of experience.

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

Outotec develops leading technologies and services for the sustainable use of Earth's natural resources. Our 4,000 top experts are driven by each customer's unique challenges across the world. Outotec's comprehensive offering creates the best value for our customers in the mining, metal, and chemical industries. Outotec had sales of approximately EUR 1.2 billion in 2019, and its shares are listed on NASDAQ Helsinki.

[www.outotec.com](http://www.outotec.com)