

# EDMESTON

## SX<sup>®</sup> Piping Systems

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

Edmeston provides you with absolute highest quality sulphuric acid piping. SX<sup>®</sup> piping systems eliminates all the disadvantages of traditional materials, such as cast iron, and offer numerous benefits also compared to other alloys.

### Features of SX<sup>®</sup> 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

### Benefits of SX<sup>®</sup> piping systems:

- No leaks and maximum safety with minimised 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

The SX<sup>®</sup> piping systems has set a standard for sulphuric acid piping with more than 25 000 meters of SX<sup>®</sup> piping in service around the world. The availability, life cycle cost and proven performance of SX<sup>®</sup> piping is unparalleled.

A complete Piping Class adapted for sulphuric acid plant service conditions has been developed by Edmeston. The SX<sup>®</sup> 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 needs such as:

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



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