

The Edmeston SX System

- for the nitric acid industry

EDMESTON is a world leading engineering contractor in supplying special equipment and system for industrial processing of highly corrosive media at high temperatures.

Edmeston's major business lines:

- The Edmeston SX System for the sulphuric acid and nitric acid industry.
- The Edmeston Heat Recovery System for glass and carbon black industries.

The Sandvik SX steel is a silicon alloyed stainless steel with excellent properties for use in concentrated nitric acid service. The properties of SX could be summarised as follows:

- Excellent corrosion resistance
- Easy to work, weld and install

The excellent corrosion properties of SX in nitric acid service have been demonstrated in various laboratory test and fully confirmed by a number of field tests and full scale plant installations.

Typical applications of SX in hot concentrated nitric acid are:

- Piping systems, complete standard piping and fittings are available from stock
- Condensers

Edmeston has more than 15 years of experience in design and manufacture of various process equipment in SX alloy for all type of applications in acid service.



Condenser, Taiwan

LAB TEST RESULTS for SX (UNS S32615)
Corrosion rate for welded and un-welded specimen.

