

STAMI NITRIC ACID

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Stamicarbon's unique dual-pressure, nitric acid plant design for capacities up to 1,600 mtpd

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The innovation & license company
of Maire Tecnimont.



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The challenge

To design a nitric acid plant with maximum energy recovery and lowest investment costs for single-train capacities up to 1,600 mtpd (100% HNO₃).

Stamicarbon's Solution

Stamicarbon has been licensing a range of nitrate technologies since the 1930s and has designed over 40 nitric acid plants. By applying many decades of experience and retaining the reliability and operability from industrially proven elements that are appreciated by our customers, Stamicarbon is able to offer a best-in-class dual pressure nitric acid technology for single-train capacities up to 1,600 mtpd (100% HNO₃).

Our solution is designed for maximum energy recovery and meets the highest safety and environmental emission standards. Stamicarbon plants are renowned, worldwide for their safety and reliability.

We are eager to incorporate customer requests into our bespoke plant designs in order to meet your specific design requirements. Our flexibility allows us to work with different established EPC contractors.

Benefits

- Reliable process
- Highest energy efficiency
- Easy and safe to operate
- Low emissions
- Corrosion prevention design

What we offer

- Renowned reputation globally
- Outstanding technologies and services
- Tailor-made plant designs that meet customer specific needs
- Full life cycle support



Stamicarbon dual pressure nitric acid technology in operation since 1989

