

SUCCESS STORY

The "Salem Steel Expansion Project", including the ANDRITZ Metals annealing and pickling line, was inaugurated by Prime Minister Mammohan Singh, Congress President Sonia Ghandi, and Steel Authority of India Chairman S.K. Roongta.



METALS

HOT ANNEALING AND PICKLING LINE

STEEL AUTHORITY OF INDIA LTD.

ANDRITZ

ENGINEERED SUCCESS

Hot annealing and pickling line at Salem Steel Plant, India

In September 2008 the “Salem Steel Expansion Project”, containing the ANDRITZ METALS annealing and pickling line, was inaugurated by Prime Minister Mammohan Singh, Congress President Sonia Ghandi, and Steel Authority of India Chairman S.K. Roongta.

Salem Steel Plant, Tamil Nadu, India a special steel unit of Steel Authority of India Ltd., pioneered the supply of wider width stainless steel sheetscoils in India. The plant can produce annealed and pickled austenitic, ferritic, martensitic and low-nickel stainless steel strip from hot and cold rolled material.

PLANT FACTS

Material	Cold and hot rolled stainless steel AISI 200, 300, and 400 series
Line capacity	500,000 t/a
Strip thickness	1.0–7.0 mm
Strip width	600–1,300
Process speed	max. 50 m/min.

SCOPE OF SUPPLY

- Entry section with coil transport system, two uncoiling groups, MIG welding machine with post annealer and entry looper
- Annealing furnace with four heating chambers, air-jet cooling, air/water spray cooling and final water spray cooling
- Scale breaker and shot blaster
- Pickling section with pre-rinse, pre-pickling section, scrub brush machines, mixed acid pickling section, final rinse section and exhaust systems including DeNOx system
- Exit section with exit looper, inspection stand, exit crop shear, recoiler, coil transport system and coil strapping machine
- Electric and automation for the complete line
- PYROMARS acid regeneration and neutralization plant





ENGINEERED SUCCESS FOR FLAT PRODUCT PROCESSING

ANDRITZ Metals is – via the Schuler Group – one of the world's leading suppliers of technologies, plants and digital solutions in sheet metal forming. The product portfolio also includes automation and software solutions, dies, process know-how and service. In the metals processing segment, the business area provides innovative and market-leading solutions for production and processing of flat products, for welding systems, as well as furnaces and services for the metals industry.

AUSTRIA

ANDRITZ AG

p: +43 50805 55401

stainless.processing@andritz.com

INDIA

ANDRITZ Technologies Pvt. Ltd.

p: +91 33 46027958 59

stainless.processing@andritz.com

GERMANY

ANDRITZ Metals Germany GmbH

p: 49 2372 54 389

stainless.processing@andritz.com

ANDRITZ.COM



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