

## Our References our Pride and Joy



### Weener

#### Frank Schulz

Head of Power Generation

„Even after more than **9 years of operating experience**, we are **very satisfied** with our nickel plated evaporator heating surfaces and would again decide in favour of Thick Nickel Plating (TNP) in the future, **as it has proven to be the right decision.**“

#### Spremborg



#### Thomas Pfeiffer

Operation Manager

„In our plant we have had larger areas in the 1st and 2nd boiler pass protected with Thick Nickel Plating. In the 1st boiler pass **approx. 136 m<sup>2</sup>** with meanwhile **more than 40,000 hours of operation** and further areas in the 1st boiler pass (approx. 64 m<sup>2</sup>) as well as in the 2nd boiler pass (approx. 60 m<sup>2</sup>) with **more than 32,000 hours of operation**. **We are very satisfied with our experience** and can very well imagine using Thick Nickel Plating for our new plant as well.“

No matter what ideas you need for your energy management:

Count on us to **find the ideas you need.**

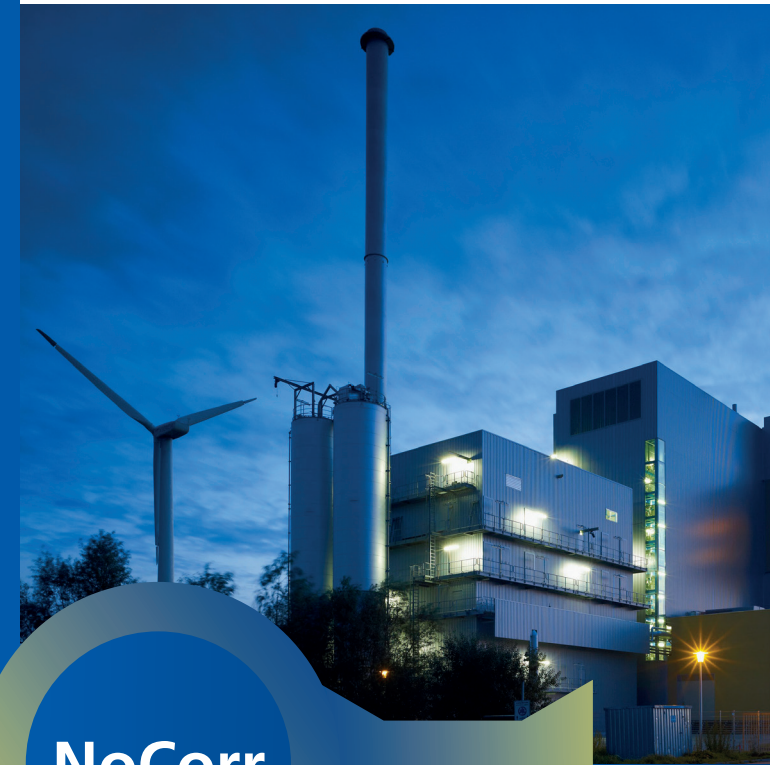
Provided that you find us first!

You can find further information on **our homepage** as well

- Functionality of NoCorr
- Areas of application for existing and new plants



[www.sb-group.com/en/  
newsroom/thick-nickel-plating](http://www.sb-group.com/en/newsroom/thick-nickel-plating)



NoCorr

Low Invest,  
High Availability, Extended Lifetime.

**Why you should**

**Think Nickel!**

## Our Experience Your Advantage.

reduced  
Investment Costs



increased  
Availability



extended  
Lifetime



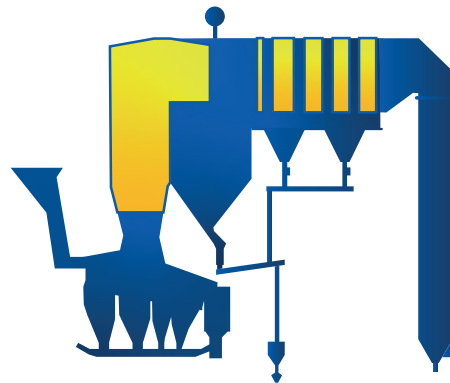
Johann Ansey  
Entwickler von TNP

„After years of research and development, it seems safe to say that in Thick Nickel Plating, we created a **reliable and durable** corrosion protection for membrane walls and bundle tubes in tail-end boilers. I am **very proud** of our achievements and hope that we can convince you of **NoCorr.**“

## The never-ending Story with Corrosion

The key to an economically efficient boiler plant is its **smooth operation**, without breakdowns and time-consuming maintenance measures.

As a leading supplier of plants for the thermal utilisation of residual waste materials, we are also **pioneers in the development** of new corrosion protection processes.



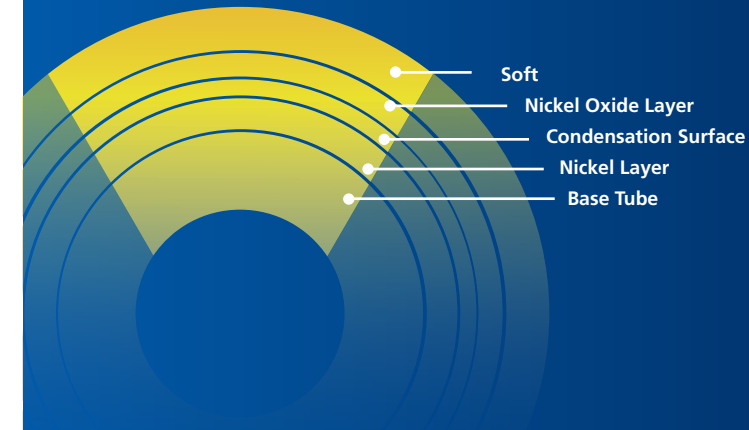
Areas at risk of corrosion in EFW plants

Wherever flue gases with high temperatures meet membrane walls and convection heating surfaces, corrosion can occur.

**The consequences are obvious:** the service life of components decreases and a plant shutdown to replace the damaged components can no longer be avoided. A problem with which especially operators of EFW and Biomass Plants have to deal.

You may wonder how TNP solves your problem, in which way we are your perfect partner and of course, why you should start to **Think Nickel.**

## NoCorr Corrosion-free into the Future



- + Application of the high-purity nickel layer at temperatures **of approx. 50 °C.**
- + **Atomic bonding** of the nickel layer with the base tube.
- + **No deformation** of the base tube due to nickel plating.
- + The base tube can be **subsequently bent** and also **welded.**
- + **Reduction of ash caking** on the heating surface tube.
- + **Many years of experience** in process engineering and quality assurance for Thick Nickel Plating.
- + **Extensive experience** from plant operation.
- + **Exclusively licensed** by Standardkessel Baumgarte Group.