Pentol Technology for Green Energy Boilers



Unique and most cost competitive technology for Slop / Spent Wash / Vinasse / Black Liquor fired Incineration Boilers, Biomass fired Power Plants etc.



What we offer



Additives & technology for power plant optimization

Founded in
Fields of activity
Focused on
Working principle

Our offer includes

1969, Germany <u>Heavy fuel oil</u> fired power plants, ... <u>Coal</u> fired power stations, ... <u>Diesel</u> engines, ... <u>Gas</u> turbines, ... <u>Waste</u> incinerators Emission problems, ... Corrosion issues, ... Inefficient heat-transfer <u>We work as partner of plant operators</u> (not just a supplier of commodities) – we work closely side by side Technical assistance, ... Combustion tuning, ... Emission monitoring, ... <u>Worldwide service network</u>





Olivier Blauenstein, CEO Eric Blauenstein, Founder & President

PentoMag an unique solution for Green Energy Boilers

PentoMag® is designed to avoid corrosions and deposits.



Advantages of PentoMag at a glance



Advantages of PentoMag at a glance

- **Extends the time of maximum load of the plant**
- Maximizes availability of the plant
- Increases efficiency of the plant
- Prevents corrosion
- Eliminates deposits
- Decreases soot blowing frequency
- Reduces emission
- Reduces maintenance cost
- Increases useful life of the plant



Corrosion and Deposits

The main source of corrosion are acid gases contained in flue gas



PentoMag neutralizes deposits on pipes



PentoMag increases pH of ash



Comparative study of the plant availability



With treatment



Conclusions



Fully automatic dosing systems



THANK YOU