

POLARCHEM



SAVING ENERGY AND PROTECTING THE ENVIRONMENT

**A METHOD FOR REDUCING NO_x
IN POWER STATIONS AND
DISTRICT HEATING PLANTS**

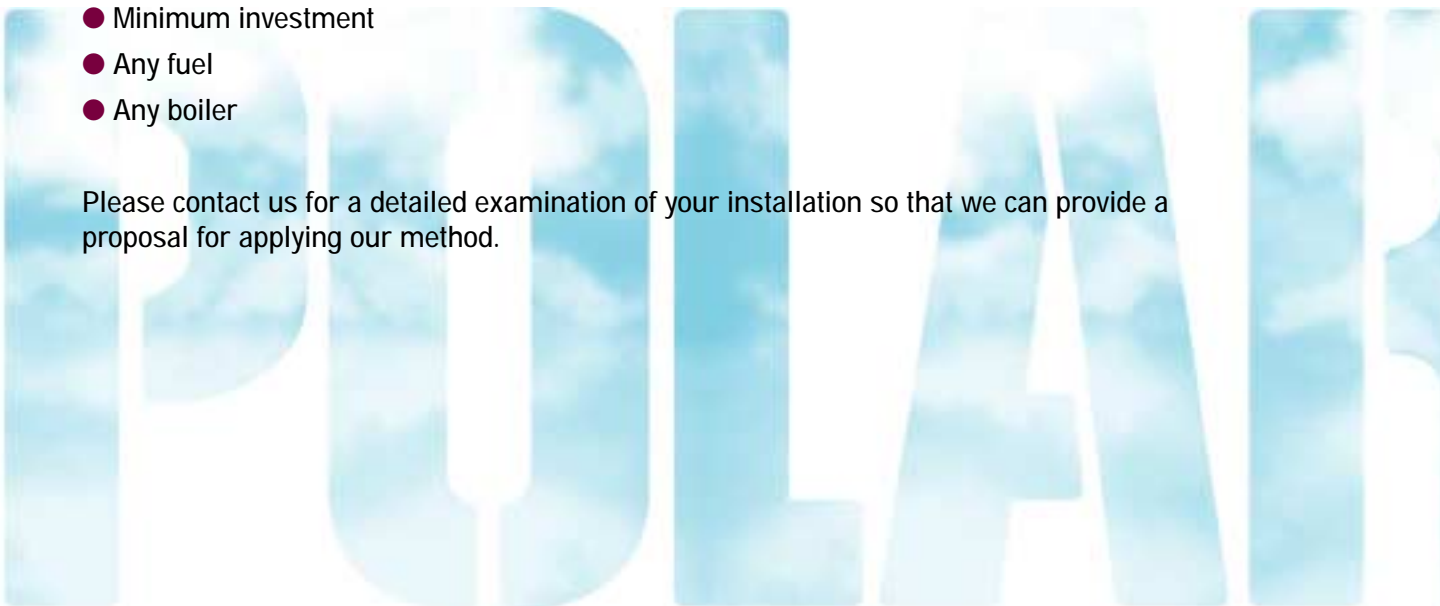
POLARCHEM L2N

- L2N has proved itself for many years in boilers, furnaces and incinerators
- L2N is a concentrated urea based product
- For optimum use of L2N one or more injection pipes will have to be fitted depending on the boiler
- The product will be injected into the combustion chamber and often existing openings can be used
- The amounts of L2N to be injected and its concentration will be worked out by our engineers depending on the amount of NOx to be reduced
- The injection system and amount injected will be adjusted depending on the load of the boiler
- L2N is non-flammable and is no danger to health.

ADVANTAGES OF THE L2N METHOD

- Easy to demonstrate
- Immediate results
- Simple installation
- Minimum investment
- Any fuel
- Any boiler

Please contact us for a detailed examination of your installation so that we can provide a proposal for applying our method.



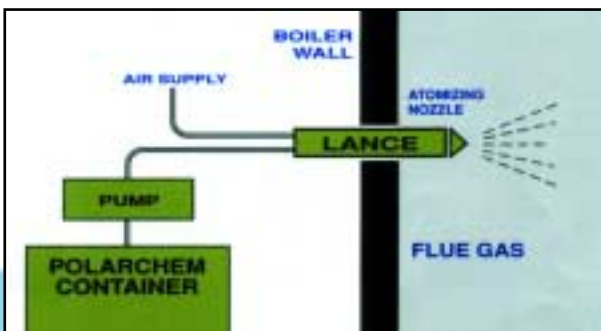
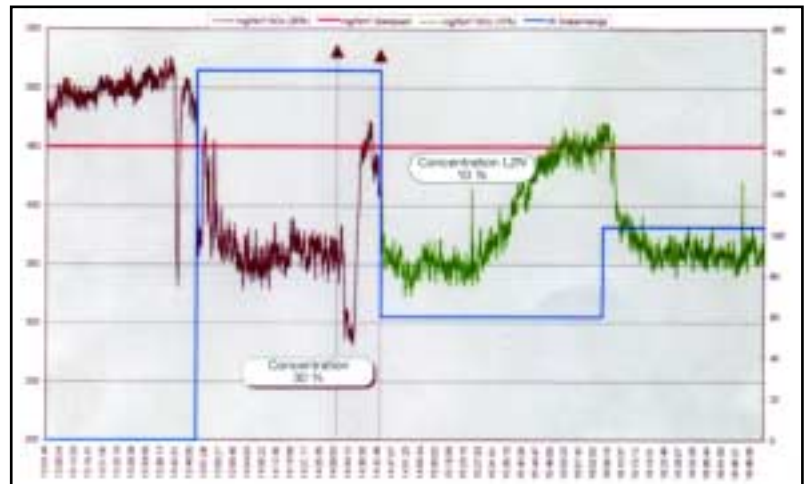


Strasbourg district heating system
4.12.1995

- mg/Nm³ NOx
- Permitted limit of NOx in mg/Nm³
- L2N in 1/h (10%)

Strasbourg district heating system
3.12.1996

- mg/Nm³ NOx
- Permitted limit of NOx in mg/Nm³
- mg/Nm³ NOx
- L2N in 1/h



Injection system



A POLARCHEM TREATMENT IS SIMPLE AND FLEXIBLE

Installation and operation can start at any time without taking the plant out of service and it does not matter whether the plant is in a clean or fouled condition. The following treatment systems are available:

- Continuous
- Adjustable to NOx Levels

THE POLARCHEM SERVICE

Our technicians will advise the best product, quantity and injection system to meet your requirements. They will supervise the installation and assist your operators with the help of flue gas analysers and dewpoint meters to ensure optimum benefit to the customer.

THE BENEFITS OF POLARCHEM

By controlling the dose rate NOx can be controlled to comply with regulations.

THE ECONOMICS OF POLARCHEM

The key economic benefit is the ability to control NOx and to remain compliant as emission regulations tighten.

POLARCHEM SAFETY DATA SHEETS

These are supplied for each product separately and will indicate details of packaging, handling, transportation and storage as required.

CONTACT DETAILS