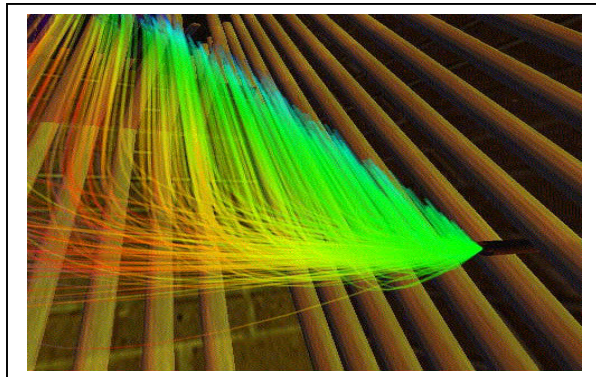




# Selective Non-Catalytic Reduction (SNCR) Systems

*De-NOx Technologies, LLC*

**Process** - Reduction of NOX emissions by the controlled introduction of urea or ammonia reagents into a high temperature region of the combustion effluent, without the use of a catalyst. Applicable to Incinerators, Power Boilers, Cement/Lime Kilns, Pulp/Paper Recovery Boilers, Process Heaters. Proprietary and Patent Pending technologies capable of 40 – 60 % NOX reduction with minimal capital cost.



## **Why DNT –**

- Experience. Over 20 boiler units. First SNCR on a domestic municipal incinerator.
- Performance. High performance, long life, Patent Pending Injector Technology.
- Cost. Simplified process flowsheet lowers capital cost. Fully shop assembled components lowers installation cost.
- Assurances. Patents Pending. Infringement Defense Insurance. Strong Process Guarantees.

## **About DNT –**

DNT is a New Hampshire Based Company specializing in the design, fabrication, and installation of SNCR and Dry Urea Systems.

DNT provides industrial quality equipment, on-time, at highly competitive prices. Practical, common sense, designs with proprietary injectors.



## **Costs**

**Capital** – Equipment: \$5 – 10 per kW. Installation: less than \$5 per kW.

**Operation** – Fully push-button automatic to minimize Operator attention. Generic reagents – Operating costs of approx \$400 per ton NOX removed.

**Services** – Optimization testing at existing installations, furnace temperature profiling, demonstration tests, on-site urea dissolving systems.

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