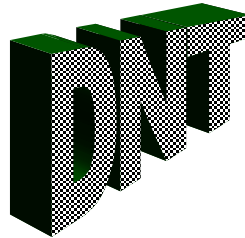
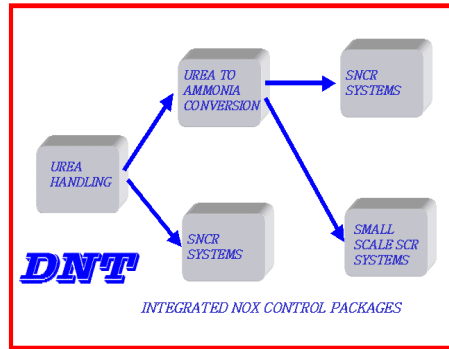


DNT'S TECHNOLOGY

- Proprietary and Patent Pending Technologies
- Selective Non-Catalytic NO_x Reduction (SNCR) Systems. Uses Urea or Ammonia to remove NO_x with no catalyst.
- On-Site Dry Urea Dissolving. Accepts Dry Urea and converts it to an accurate solution for use in SCR and SNCR systems.
- Urea to Ammonia Systems. Converts urea solutions to vaporous ammonia.
- Small SCR Systems. Modular high performance systems.
- References available upon request.
- Consulting, Engineering, Equipment Supply, Installation.



DE-NOX TECHNOLOGIES, LLC

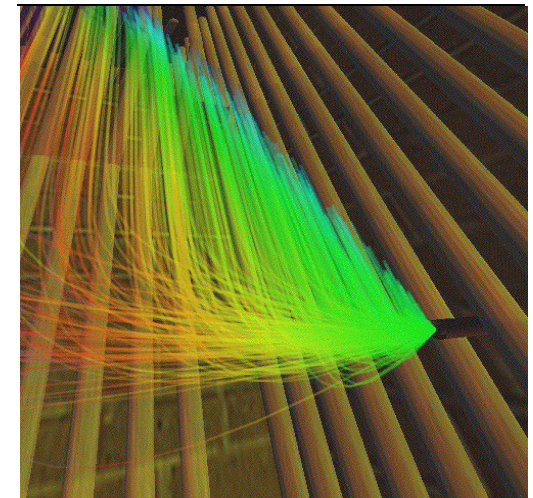
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DE-NOX TECHNOLOGIES

*PRACTICAL, COST
EFFECTIVE NO_x CONTROL
SOLUTIONS*



SNCR

ON-SITE UREA MAKE-
UP SYSTEMS

UREA TO AMMONIA
SYSTEMS

SMALL SCALE SCR

SNCR

- Injection of urea or ammonia into hot (1600-2100 F) combustion gases, converting NO_x into N₂ and H₂O, without a catalyst.
- Proprietary and Patent Pending injectors. Proven superior performance.
- NO_x reduction range of 40 - 60% .
- Patent Infringement Indemnity and Surety.
- Modular designs: Pre-piped and pre-wired components complete with microprocessor controls.
- Uses generic urea reagents. No need for proprietary (expensive) chemical formulations.
- Capital Cost \$5-10 per kW, Operating Cost \$400/ton removed.



DRY UREA

- Produce Liquid Urea from Urea Fertilizer for use in SCR, SNCR, and Flue Gas Treatment Systems.
- Fully automatic PLC controls.
- Dry urea receiving by dump truck, bulk pneumatic truck, and supersack.
- Savings accrue from reduced transportation costs and improved chemical supplier list.

AMMONIA GENERATION

- Generate ammonia on site from urea liquid for use in SNCR and SCR systems
- Eliminates the risk associated with handling and storing 100% ammonia.

- Uses heat and pressure to decompose urea into vaporous ammonia and carbon dioxide, the ammonia then used directly in the process.
- Patent Pending.

SCR SYSTEMS

- Specializing in small systems – Internal Combustion Engines, CPI Processes, Industrial Boilers.
- 90+% NO_x reduction.
- High and Low Temperature Catalysts
- Integrated with reagent injection, re-heat/heat recovery, and controls
- Skid Mounted or container enclosed.

ABOUT DNT

[De-NOX Technologies, LLC](#) is a registered New Hampshire (USA) Company providing equipment and consulting services to renewable energy projects, refuse-to-energy projects, cogeneration projects, process power boilers, and biomass plants.