

# Selective Catalytic Reduction

Solutions. Performance. Relationships.

Building on an established and complimentary relationship which began over a decade ago, MET and Termokimik Corporation (TKC) have joined forces to provide TKC's demonstrated SCR technology to the North American Market. MET through this alliance now supplies a complete array of competitive, high quality air quality control solutions to the utility and industrial markets.



## TKC Experience brings:

- Over 15 years of SCR design experience
- Skilled installation focused on outage duration
- 23,000 MW installed globally
- 4,000 MW of installation in U.S.

Proven on systems burning coal, oil, natural gas, bio-mass and waste incinerators, the state of the art TKC SCR technology maximizes the removal of nitrogen oxide (NOx) from flue gas. This is accomplished when the flue gas passes through the SCR Catalyst and reacts with a reducing agent converting it into inert nitrogen and water. The catalyst is offered in several configurations including honeycomb and plate-type, and provides:

- High NOx removal efficiencies, in excess of 90%
- Optimum catalyst design for best process performance and maximum life.
- Reagent flexibility including, Anhydrous Ammonia, Aqueous Ammonia & Urea
- Minimized SO<sub>2</sub> to SO<sub>3</sub> conversion
- Low pressure drop and ammonia slip
- High durability and stability

## Our team offers SCR System design, engineering and service for:

- New, retrofit, upgrade and rebuild units
- Performance enhancement and structural engineering evaluations
- Catalyst management and planning programs

San Filippo Plant



Brindisi Nord Plant



Rodenhuije Plant



Fusina Plant



The information contained in this document is intended only as an overview of MET's technologies and services. Please contact us for information regarding specific applications.