Selective Catalytic Reduction
SCR

Design features:
Reduces flue gas NO\textsubscript{x} to N\textsubscript{2} and H\textsubscript{2}O using ammonia in contact with an active catalyst surface to produce a chemical reaction — most effective method of reducing NO\textsubscript{x} emissions especially where high reduction efficiencies (70 to 90\%) are required; integrates into multi-pollutant control with mercury oxidation across catalyst.

Capacity:
Designed and sized to meet project requirements.

Temperature range:
Coal firing: from 575 to 840\textdegree}F (302 to 449\textdegree}C); natural gas: from 450 to 800\textdegree}F (232 to 427\textdegree}C); optimum performance occurs between 700 and 750\textdegree}F (371 and 399\textdegree}C).

Fuels:
Coal, natural gas, oil, wood, MSW, biomass and others.