About SCR
A Selective Catalytic Reduction or SCR system is one of the most common processes for reducing Nitrogen Oxides (NOx) emissions during fossil fuel combustion. Regulated by the Environmental Protection Agency (EPA), Nitrogen Oxides, a contributor to acid rain and SMOG, may pose a health hazard to people in areas of high exposure. An SCR system can reduce the NOx emission levels by 80%-95%. The primary material used in NOx reduction is anhydrous or aqueous ammonia.

Your Solutions Provider
Corken, your solutions provider for the safe and effective movement of hazardous materials, offers several pump and compressor options that meet SCR specifications across several applications.

How it Works
An SCR system absorbs ammonia and NOx into a catalyst causing a chemical reaction that separates the nitrogen and oxygen. The results of this reaction allow the release of nitrogen and water into the atmosphere instead of Nitrogen Oxides.

Coal-fired Power Plant Using Corken Products in an SCR System

Typical Product Recommendations for SCR Applications:

**Pumps:**
Corken SCM 10 & 20 Series

**Compressors:**
Corken D & T Style 491

Applications
- Coal combustion
- Oil & gas processing
- Refineries
- Utility companies
- Power plants
- Municipal waste

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