

CORMETECH.

At the Heart of Clean Air



SCR Catalyst Management



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SCR catalyst performance management is vital to the SCR's and power plant's successful operation. CORMETECH's objective is to provide your facility with the best means to achieving your NOx emissions control at optimal efficiency.

Our catalyst management services encompass the life cycle of your SCR.

REQUIREMENTS

Our SCR specialists partner with you to better understand your uniquely designed SCR and its operation, optimize its efficiency and plan for future requirements including:

- SCR System and Catalyst Inspection
- SCR System Evaluation / Optimization
- Ammonia Injection Grid (AIG) Tuning
- Catalyst Performance Evaluation
- Catalyst Replacement
- Operation Data Analysis
- Operator Training
- Physical / CFD Flow Modeling
- Turnkey Installation

Accurate monitoring of SCR system and catalyst performance over time is essential. Regularly scheduled catalyst performance evaluations and monitoring of the SCR system operations are key and should include:

- Laboratory performance testing
- Assessment of field operating data
- Prediction of remaining catalyst life

Catalyst performance will gradually decrease over time. This decrease is an expected result of the specific flue gas environment and operating conditions, which degrade the catalyst material. Monitoring SCR system operation parameters via CEMS data and laboratory test results provide a historical window our SCR specialists can look through for system assessment and future SCR optimization.

OUR GOAL IS TO:

- Extended catalyst life
- Lower ammonia usage
- Reduced pressure drop
- Resulting into quantifiable benefits for you.