



## SINOx<sup>®</sup> Catalysts for Fossil Fired Power Plants

State of the art technology for the abatement of nitrogen oxides from coal, oil and gas fired boilers is Selective Catalytic Reduction (SCR). SCR technology is capable of reducing nitrogen oxides with an efficiency of up to 95%. The high availability of the SCR system is achieved by an optimum SCR reactor design together with a tailor-made catalyst.

The design of the SINOx<sup>®</sup> catalysts is customized for the chemical and physical conditions of service. If necessary, Johnson Matthey may perform additional studies to find the ideal catalyst for each application.

Since 1987, SINOx<sup>®</sup> catalysts have decomposed millions of tons of nitrogen oxides. Johnson Matthey has a leading position worldwide as a catalyst supplier for power plants with a total order volume of more than one million cubic meters of SINOx<sup>®</sup> catalysts.

### Temperature Ranges for SCR Applications



