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## The Simple Choice for NOx Control: The CataStak™ SCR System



*A CataStak™ SCR system helped a paper mill in California reduce GHG emissions. The 120,000 lb/hr, 175 psi boiler operated at 5 ppm NOx and easily met local air quality requirements.*

There are two technology choices used for lowering NOx emissions: (1) front-end burner technology or (2) back-end selective catalytic reduction (SCR) technology.

As air emission rulings continue to become more stringent, NOx emission requirements are reaching levels as low as 5 ppm and are expected to decrease even further. The CataStak™ SCR system is proven technology that not only meets 5 ppm NOx, but outperforms burner technology and provides emissions limits as low as 2½ ppm NOx for many demanding applications. The CataStak™ SCR system also provides substantial cost-savings and valuable energy efficiency gains, above and beyond available burner technology.

In over 100 installations, the CataStak™ SCR system has never failed a third-party compliance test and has provided peace of mind for plant owners knowing that their system will remain in compliance year-after-year, well past any current AQMD requirements.

The Nationwide Boiler CataStak™ SCR system delivers exceptional performance, reliability and compliance assurance. Learn why so many users are choosing a CataStak™ SCR system solution for achieving unmatched NOx control, proven performance and dependability.

<b>CataStak™</b> Ultra Low NOx Solutions	<b>Standard Burner &amp; SCR System</b>	<b>ULN Burner</b>
<b>NOx Emissions</b>	2.5 ppm	9 ppm
<b>Turndown</b>	10:1	5:1
<b>Excess O<sub>2</sub></b>	3%	~ 8.5%
<b>Flue Gas Recirculation (FGR)</b>	0%	~ 40%
<b>Force Draft Fan HP</b>	X	2X or More
<b>Carbon Footprint</b>	Lowest	Highest

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 True Nationwide Coverage & Beyond. Representatives Located Worldwide.

**Nationwide Environmental Solutions is a strategic business unit of Nationwide Boiler Inc.**

