

References for SCR-DeNO_x-Systems

| Company | Process | System | Crude Gas m ³ /h | Operation Temp. °C |
|--|--|--|-----------------------------|--------------------|
| Guardian Goole (United Kingdom) | NO _x from float glass smelting furnace | SCR DeNO _x Catalyzer with ammonia injection | 210,728 | 230 |
| Guardian Oroshaza (Hungary) | Solids, SO _x , HCl, HF, NO _x from float glass smelting furnace | Optimisation Hot Gas Dry ESP, Sorption, Cooling and SCR DeNO _x Catalyzer with ammonia injection | 213,686 | 350 |
| Guardian Llodio (Spain) | Solids, SO _x , HCl, HF, NO _x from float glass smelting furnace | Quench, Dry Sorption, Horizontal Dry Type Electrostatic Precipitator, SCR DeNO _x Catalyzer with ammonia injection | 289,779 | 550 |
| Guardian Flachglas Bitterfeld-Wolfen (Germany) | NO _x from float glass smelting furnace | SCR DeNO _x Catalyzer with ammonia injection | 293,421 | 380 |
| TISCO Taiyuan (P.R. China) | NO _x reduction of stainless steel pickling plant | Heat exchanger, heat-up system, catalyser with urea | 15,000 | 30/350 |
| TISCO Taiyuan (P.R. China) | NO _x reduction of stainless steel pickling plant | Heat exchanger, heat-up system, catalyser with urea | 15,000 | 30/350 |
| TISCO Taiyuan (P.R. China) | NO _x reduction of stainless steel pickling plant | Heat exchanger, heat-up system, catalyser with urea | 25,000 | 30/350 |
| Jiuquan Iron & Steel Ltd. (II) (China) | NO _x reduction for a pickling plant for stainless steel panels | Heat exchanger, heat-up system, catalyser with urea | 14,000 | 30/350 |
| Agenda Glas (HNG) Gardelegen (Germany) | NO _x , Solids, SO _x , HCl, HF from glass smelting furnace | SCR System based on urea granulate behind dry sorption with ESP | 94,600 | 480 |
| Benxi Iron & Steel Dan Dong (PR China) | NO _x reduction of a metal pickling plant | Heat exchanger, heat-up system, catalyser with urea | 10,000 | 30/350 |
| Jiuquan Iron & Steel Ltd. (I) (PR China) | NO _x reduction of a metal pickling plant | Heat exchanger, heat-up system, catalyser with urea | 22,000 | 30/350 |
| TISCO Taiyuan (PR China) | NO _x reduction of stainless steel pickling plant | Heat exchanger, heat-up system, catalyser with urea | 15,000 | 40/350 |
| TPCO Tianjin (PR China) | NO _x reduction of stainless steel pickling plant | Heat exchanger, heat-up system and catalyser with urea | 19,900 | 40/350 |
| Baoxin Ningbo (PR China) | NO _x reduction of stainless steel pickling plant | Heat exchanger, heat-up system and catalyser with liquefied ammonia | 19,900 | 40/350 |
| YUSCO Guangzhou (PR China) | NO _x reduction of stainless steel pickling plant | Heat exchanger, heat-up system and catalyser with urea | 19,900 | 40/350 |

References for SCR-DeNO_x-Systems

| Company | Process | System | Crude Gas m ³ /h | Operation Temp. °C |
|---|---|---|-----------------------------|--------------------|
| FAIST / Olivi Montone (Italy) | NO _x reduction of 3 Diesel engines for electric power generation | Catalytic System with urea | 3 x 2,165 | 350 |
| FF.SS. Foligno (Italy) | NO _x reduction of Diesel engine for electric power generation | Catalytic System with urea | 13,639 | 450 |
| SEG-Funnel Samsung Glass Co., Ltd Shenzhen (PR China) | NO _x reduction for glass smelting process | Catalytic System with urea respectively ammonia water | 2 x 99,297 | 220 |
| SEG-Funnel Samsung Glass Co., Ltd Shenzhen (PR China) | NO _x reduction for glass smelting process | Catalytic System with urea respectively ammonia water | 72,217 | 220 |
| Hankook Electric Glass Gumi (South Korea) | NO _x reduction for glass smelting process | Catalytic System with urea | 110,600 | 230 |
| Hankook Electric Glass Gumi (South Korea) | NO _x reduction for glass smelting process | Catalytic System with urea | 55,300 | 230 |
| Hankook Electric Glass Gumi (South Korea) | NO _x reduction for glass smelting process | Catalytic System with urea | 115,000 | 250 |
| Samsung-Corning Gumi (South Korea) | NO _x reduction for glass smelting process (K08) | Catalytic System with urea | 304,600 | 250 |
| Samsung-Corning Gumi (South Korea) | NO _x reduction for glass smelting process (K07) | Catalytic System with urea | 113,000 | 250 |
| Samsung-Corning Gumi (South Korea) | NO _x reduction for glass smelting process (K06) | Catalytic System with urea | 21,700 | 220 |
| Samsung-Corning Suwon (South Korea) | NO _x reduction for glass smelting process (K04) | Catalytic System with ammonia and urea | 90,300 | 220 |
| Samsung-Corning Suwon (South Korea) | NO _x reduction for glass smelting process (K03) | Catalytic System with ammonia and urea | 73,700 | 230 |
| Black & Decker Perugia (Italy) | NO _x reduction for 2 diesel engines | Catalytic System with urea | 2 x 3,600 | 400 |
| Granit SA Lausanne (Switzerland) | CO and HC Oxidation behind high pressure waste sludge oxidation | Catalytic Oxidation | 270 | 350 |

References for SCR-DeNO_x-Systems

| Company | Process | System | Crude Gas m ³ /h | Operation Temp. °C |
|--|--|--|-----------------------------|--------------------|
| Samsung-Corning Suwon (South Korea) | NO _x reduction for glass smelting process (K02) | Catalytic System with ammonia and urea | 130,700 | 270 |
| Bowas AG Altdorf (Switzerland) | NO _x , CO, HC from explosive incineration | Catalytic System with urea | 28,500 | 200-350 |
| TONI Milch AG Zürich (Switzerland) | NO _x reduction for heavy oil firing plant | Catalytic System with urea | 2 x 37,800 | 320-420 |
| Coop-Panofina AG Wallisellen (Switzerland) | NO _x reduction for 2 diesel engines | Catalytic System with urea | 10,700 | 480 |
| Raschig AG Ludwigshafen (Germany) | NO _x reduction for heavy oil firing plant | Catalytic System with urea | 2 x 56,000 | 295-470 |
| Samsung-Corning Suwon (South Korea) | NO _x reduction for glass smelting process (K01) | Catalytic System with ammonia | 21,000 | 270 |