PetroNOx Air
For the Air We Share
Formerly Yara Environmental Technologies Pvt Ltd

REFERENCES SCR, SNCR, NH3/NH4OH STORAGE AND SUPPLY, CATALYST MANAGEMENT

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Technology	Country	City	Fuel	Size	Units	Completion Date	Customer	*City*	*Plant*
DeNOx SNCR system	India	Kagithapuram	Waste	1 X 125 TPH	1	2025	Thermax Babcock	Kagithapuram	*TamilNadu Newsprint and paper Limited*
DeNOx SNCR system	Turkey	Bursa City	Waste	7000 TPD	1	2025	Bursa Cimento	Bursa CIty	*Bursa Cimento*
DeNOx SNCR system	India	Bharuch	Coal	66000 Nm3/h	1	2025	Uttam Energy	Bharuch	*Laxmi Organics Industries Ltd.*
DeNOx SNCR system	Slovenia	Anhovo	Pet-coke, heavy fuel oils	3180 TPD	1	2025	Alpacem Cement	Anhovo	*Alpacem Cement*
DeNOx SNCR system	Vietnam	Binh Duong	Waste	1 X 500 TPD	1	2025	CNIM Martin Private Limited	Binh Duong	*1x 500 TPD WtE Plant*
DeNOx SNCR system	Poland	Gorlice	Waste	63000 Nm3/h	1	2026	Porr.S.A	Gorlice	*Waste treatment plant in Gorlice*
DeNOx SNCR system	United Kingdom	Lostock	Waste	264000 Nm3/h	2	2025	Lostock Sustainable	Lostock	*Waste plant in Lostock*
DeNOx SNCR system	USA	Shuqualak, MS	Waste	140000 Nm3/h	1	2024	Inc.SIgma Thermal	Shuqualak, MS	*Huber Flyway Plant*
DeNOx SNCR system	Italy	Guidonia	Process off gas	280000 Nm3/h	1	2025	S.r.lBuzzi Unicem	Guidonia	*Cement plant*
DeNOx SNCR system	UAE	Sharjah	Process off gas	210000 Nm3/h	2	2025	Sharjah Cement Factory	Sharjah	*Cement plant*
DeNOx SNCR system	Taiwan	Hsinchu	Waste	70.800 Nm³/h	2	2025	Techzone Corp.		
DeNOx SNCR system	Taiwan	New Taipei City	Waste	114.000 Nm³/h	3	2025	Environmental TaHo	TaiwanNew Taipei City,	*Pali Waste to Energy Plant*
Storage and supply	Poland	Grudziądz	Natural Gas	2 x 60m³	1	2025	Metlen	Grudziądz	*Grudziądz*
Storage and supply	Belgium	Flemalle	Natural Gas	2 x 160m³	1	2025	John Cockerill	Flemalle	*Les Awirs*
DeNOx SNCR system	Portugal	Sao Miguel Azores	Waste	46.302 Nm³/h	1	2023	Termomeccanica	Sao Miguel Azores	*Sao Miguel*
DeNOx SNCR system	Spain	Griona	Waste	31.088 Nm³/h	1	2022	Ruths	Girona	*Girona*
DeNOx SNCR system	France	LeHavre	Gas	124.500 Nm³/h	1	2022	Yara LeHavre	LeHavre	*LeHavre*
DeNOx SNCR system	United Kingdom	Lostock	Waste	239.892 Nm³/h	1	stopped	CNIM	Lostock	*Lostock*
DeNOx SNCR system	Italy	Vernasca	Cement	223.000 Nm³/h	1	2021	Buzzi Unicem	Vernasca	*Vernasca*
DeNOx SNCR system	China	Yantai	Waste	64103 Nm³/h	1	2021	Ruths	Yantai, China	*Ruths Yantai*
DeNOx SNCR system	France	France	Waste	55.525 Nm³/h	1	2021	CNIM	France	*CNIM Rambervillers*
DeNOx SNCR system	Serbia	Belgrade	Waste	213.829 Nm³/h	1	2021	CNIM	Belgrade	*CNIM Belgrade*
DeNOx SNCR system	Albania	Albania	Waste	45.786 Nm³/h	1	2021	Ruths	Albania	*Ruths Albania*
DeNOx SNCR system	India	Rajasthan	Coal	L1 - 463.922 Nm³/h, L2- 905.000 Nm³/h	2	2021	Ultratech Cement	Chittorgarh, Rajasthan	*Aditya Cements*
DeNOx SNCR system	Turkey	Turkey	Coal	700.000 Nm³/h	2	2021	Tracim Cement	Turkey	*Tracim Cement, Turkey*
DeNOx SNCR system	India	Gujarat	Coal	276.783 Nm³/h	2	2021	Saurashtra Cement	Gujarat	*Saurashtra Cement*
DeNOx SNCR system	Italy	Italy	Coal	155.655 Nm³/h	1	2021	Buzzi Cement	Italy	*Buzzi Cement*
DeNOx SNCR system	French Guiana	French Guiana	Waste	33.149 Nm³/h	1	2021	Berkes	French Guiana	*Berkes, French Guiana*
DeNOx SNCR system	India	Kota, Rajasthan	Coal	2 X 18 MW	2	2021	Mangalam Cement	Kota, Rajasthan	*Kota*
DeNOx SNCR system	Netherlands	Netherland	Biomass	1 X 5 MWt	1	2020	Petrobio	Netherland	*Petrobio AB*
DeNOx SNCR system	India	Nimbahera	Pet-coke, heavy fuel oils	1 x 22 MW	1	2020	JK Cement	Nimbahera	*JK Cement-Nimbahera*
DeNOx SNCR system	India	Muddapur	Pet-coke, heavy fuel oils	1 X 25 MW	1	2020	JK Cement	Muddapur	*JK Cement-Muddapur*
DeNOx SNCR system	India	Rajasthan	Coal	555.260 Nm³/h	1	2020	Ambuja Cements	Rajasthan	*Marwa Mundra*
DeNOx SNCR system	Poland	Lubin	Coal	250.000 Nm³/h (all 4 units)	4	2020	EnergetykaKGHM	*Lubin*	*EC 1 + EC 2*
DeNOx SNCR system	Poland	Częstochowa	Coal	188.000 Nm³/h (all 4 units)	4	2020	Fortum Power and Heat	*Częstochowa*	*Heating Plant Częstochowa*
DeNOx SNCR system	Czech Republic	Zlin	Coal	185.860 Nm³/h	1	2020	Unis Power, s.r.o.	*Zlin*	*Zlin*
DeNOx SNCR system	Poland	Warsaw	Natural Gas	205.000 Nm³/h	3	2020	Sefako S.A.	*Warsaw*	*Zeran Power Plant*
DeNOx SNCR system	China	Yantai	Waste	58.400 Nm³/h	1	2020	Ruths	*Yantai*	*Yantai*
DeNOx SNCR system	Albania	Fier	Waste	46.210 Nm³/h	1	Not installed	Ruths	*Fier*	*Fier*
DeNOx SNCR system	Serbia	Belgrade	Waste	210.000 Nm³/h	1	2020	CNIM	*Belgrade*	*Belgrade*
DeNOx SNCR system	Belgium	Gent	Waste	56.455 Nm³/h	2	2020	IVAGO	*Gent*	*Suez, Indaver +2 cities WtE Gent*
DeNOx SNCR system	USA	Farmville, NC	Waste / Biomass	30.014 Nm³/h	1	2020	Dustex, Clean Air	*Kennesaw, GA*	*Carolina Poultry*
DeNOx SNCR system	India	Rajasthan	Coal	285.000 Nm³/h	1	2019	ACC	Rajasthan	*ACC Lakheri*
DeNOx SNCR system	India	Maddukkarai, TN	Coal	276.000 Nm3/h	1	2019	ACC	Maddukkarai, TN	*ACC Maddukkarai*
DeNOx SNCR system	India	Odisha	Coal	245.000 Nm3/h	1	2019	Dalmia Bharat	Odisha	*OCL Rajganjpur*
DeNOx SNCR system	India	Odisha	Coal	400.000 Nm3/h	2	2019	Dalmia Bharat	Odisha	*OCL Rajganjpur*
DeNOx SNCR system	India	Rajasthan , India	Pet-coke, heavy fuel oils	3 X 18 MW	3	2019	JK lakshmi Cement	Rajasthan , India	*Sirohi*
DeNOx SNCR system	India	Karnatakka	Pet-coke, heavy fuel oils	2 X 25 MW	2	2019	ACC	Karnatakka	*Wadi*
DeNOx SNCR system	India	Kharia Khangar , Jodhpur	Coal	L1 & L2 - 125.000 Nm³/h	2	2019	Ultratech Cement	JodhpurKharia Khangar ,	*Birla White*

REFERENCES SCR, SNCR, NH3/NH4OH STORAGE AND SUPPLY, CATALYST MANAGEMENT

DeNOx SNCR system	India	Gujarat	Pet-coke, heavy fuel oils	3 X 25 MW	3	2019	Ambuja Cements	Gujarat	*AmbujaNagar*
DeNOx SNCR system	Poland	Zeran (Poland)	Coal	1 X 390 MWt	1	2019	Sefako	Zeran (Poland)	*PGNIG Thermika*
DeNOx SNCR system	USA	Farmville	Biomass	18 250 Nm³/h	3	2019	Dustex LLC	*Farmville*	*Hurst boilers in Farmville*
DeNOx SNCR system	France	Bois Rouge, La Réunion	Biomass / Coal	220.000 Nm³/h	1	2019	Albioma Bois Rouge (ABR2)	*Bois Rouge, La Réunion*	*ABR 2, LOT 3*
DeNOx SNCR system	Brazil	Sobral	Cement	275.000 Nm³/h	1	2019	Votorantim	*Sobral*	*Sitio Santa Helena - Kiln W2*
DeNOx SNCR system	Brazil	Laranjeiras	Cement	494.320 Nm³/h	1	2019	Votorantim	*Laranjeiras*	*Facenda Brandao kiln W2 and W3*
Storage and supply	China	Hongkong Lamma Island	Gas turbine	à 90 m³	2	2019	The HongKong Electric	*Hongkong Lamma Island*	
DeNOx SNCR system	India	Dhar	Pet-coke, heavy fuel oils	454.000 Nm³/h	1	2019	Ultratech Cement		

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DeNOx SNCR system	India	Kota	Coal	282.000 Nm³/h	2	2019	Mangalam Cements	*Rajasthan*	
DeNOx SNCR system	India	Yerraguntla	Pet-coke, heavy fuel oils	386.000 Nm³/h	2	2019	Heidelberg Cement		
DeNOx SNCR system	India	Narsingarh	Pet-coke, heavy fuel oils	280.000 Nm³/h	3	2019	Heidelberg Cement		
DeNOx SNCR system	India	Jodhpur	Pet-coke, heavy fuel oils	131.000 Nm³/h	2	2019	Birla White Ultratech		
DeNOx SNCR system	India	AmbujaNagar	Pet-coke, heavy fuel oils	3 x 25 MW	3	2019	ACL(Holcim India)		
DeNOx SNCR system	India	Wadi 1	Pet-coke, heavy fuel oils	400.000 Nm³/h	1	2019	ACC(Holcim India)		
DeNOx SNCR system	India	Wadi	Pet-coke, heavy fuel oils	276.000 Nm³/h	2	2019	ACC(Holcim India)		
DeNOx SNCR system	India	Maddukkarai	Pet-coke, heavy fuel oils	276.000 Nm³/h	1	2019	ACC(Holcim India)		
DeNOx SNCR system	India	Lakheri	Pet-coke, heavy fuel oils	206.719 Nm³/h	1	2019	ACC(Holcim India)		
DeNOx SNCR system	India	Jamul	Pet-coke, heavy fuel oils	643.380 Nm³/h	1	2019	ACC(Holcim India)		
DeNOx SNCR system	Italy	Lentella	Waste solvents	26.772 Nm³/h	1	2019	Laterlite	*Lentella*	*Expanded clay production plant*
DeNOx SNCR system	India	Belgaum , Karnatakka	Coal	400.000 Nm³/h	1	2018	Dalmia Bharat	Belgaum , Karnatakka	*Dalmia Belgaum*
DeNOx SNCR system	India	Neemuch, Rajasthan	Coal	L1 & L2 - 115.000 Nm³/h	2	2018	Ultratech Cement	Neemuch, Rajasthan	*Vikram Cements*
DeNOx SNCR system	India	Chittorgarh, Rajasthan	Coal	453.000 Nm³/h	1	2018	Ultratech Cement	Chittorgarh, Rajasthan	*Aditya Cements*
DeNOx SNCR system	India	Madhya Pradesh	Coal	454.000 Nm³/h	1	2018	Ultratech Cement	Madhya Pradesh	*Dhar*
DeNOx SNCR system	India	Madhya Pradesh	Coal	643.380 Nm³/h	1	2018	ACC	Madhya Pradesh	*ACC Jamul*
DeNOx SNCR system	India	Damoh	Coal	L1 - 220.000 Nm³/h, L2- 280.000 Nm³/h, L3- 550.000 Nm³/h	3	2018	Heidelberg Cement	Damoh	*HCIL Narsingarh*
DeNOx SNCR system	India	Yerraguntla AP	Coal	386.000 Nm³/h L1 - 233.648 Nm³/h, L2-	2	2018	Heidelberg Cement	Yerraguntla AP	*HCIL Yerraguntla*
DeNOx SNCR system	United Kingdom	Avonmouth			1	2018	SRCL	*Avonmouth*	*SRCL, Avonmouth*
DeNOx SNCR system	Poland	Olsztyn			1	2018	PBS	*Olsztyn*	*PBS, Olsztyn*
DeNOx SNCR system	Turkey	Mersin	Cement	4000 t/d	1	2018	Cimsa	*Mersin*	*Cimsa, Mersin, Kiln 1*
DeNOx SNCR system	Turkey	Nigde	Cement	2400 t/d	1	2018	Cimsa	*Nigde*	*Cimsa, Nigde*
DeNOx SNCR system	Turkey	Mersin	Cement	1900 t/d	1	2018	Cimsa	*Mersin*	*Cimsa, Mersin, Kiln 2*
DeNOx SNCR system	Turkey	Kayseri	Cement	2450 t/d	1	2018	Cimsa	*Kayseri*	*Cimsa, Kayseri*
DeNOx SNCR system	Turkey	Eskisehir	Cement	2500 t/d	1	2018	Cimsa	*Eskisehir*	*Cimsa, Eskisehir*
DeNOx SNCR system	France	Martres-Tolosane	Cement		1	2018	CBMI	*Martres-Tolosane*	*LafargeHolcim, Martres*
DeNOx SNCR system	Austria	Retznei	Cement	1650 t/d	1	2018	ATEC	*Retznei*	*LafargeHolcim, Retznei, Austria*
DeNOx SNCR system	Turkey	Canakkale	Cement	6000 t/d	1	2018	Akcansa	*Canakkale*	*Akcansa, Canakkale, kiln 1*
DeNOx SNCR system	Turkey	Canakkale	Cement	7000 t/d	1	2018	Akcansa	*Canakkale*	*Akcansa, Canakkale, kiln 2*
DeNOx SNCR system	Turkey		Cement	3500	1	2018	Adocim		*Adocim Tokat*
DeNOx SNCR system	India	Aditya	Pet-coke, heavy fuel oils	453.000 Nm³/h	1	2018	Ultratech Cement		
DeNOx SNCR system	India	Belgaum	Pet-coke, heavy fuel oils	400.000 Nm³/hr	1	2018	Dalmia Cement		
DeNOx SNCR system	India	Neemuch	Pet-coke, heavy fuel oils	163.378 Nm³/hr	2	2018	Ultratech Cement		
DeNOx SNCR system	Lithuania	Kaunas	Waste	85 MW	1	2018	StandardKessel Baumgarte	*Kaunas*	*Standardkessel, Kaunas*
DeNOx SNCR system	Italy		Waste		1	2018	Ruths		*Taihu*

REFERENCES SCR, SNCR, NH3/NH4OH STORAGE AND SUPPLY, CATALYST MANAGEMENT

DeNOx SNCR system	Italy	Bologna	Waste		1	2018	HERA	*Bologna*	*Hera, Bologna*
DeNOx SNCR system	India	Rayong	Waste / Biomass	18 tons/hr	1	2018	Cardinal Health	*Thailand*	
DeNOx SNCR system	Netherlands	Twence	Biomass	79 MW	1	2017	STORK	*Twence*	*Stork, Twence*
DeNOx SNCR system	Sweden	Lomma	Biomass	16 MW	1	2017	Kraftringen AB	*Lomma*	*Kraftringen, Lomma*
DeNOx SNCR system	Cyprus	Nicosia	Cement		1	2017	Vassiliko Cement	*Nicosia*	*Vassiliko Cement*
DeNOx SNCR system	Turkey	Edirne	Cement	3100 t/d	1	2017	CementosSupremo	*Edirne*	*Supremo Cimentos, Adrianopolis*
DeNOx SNCR system	Hungary	Szentlörinc	Cement	2500 t/d	1	2017	Lafarge Holcim	*Szentlörinc*	*Lafarge Holcim, Szentlörinc*
DeNOx SNCR system	China	Zhengzhou	Cement	300 t/d	1	2017	Kerneos	*Zhengzhou*	*Kerneos, Zhengzhou, kiln 1*
DeNOx SNCR system	Greece	Aspropyrgos	Cement	1800 t/d	1	2017	Heidelberg Cement	*Aspropyrgos*	*Heidelberg/Halyps Cement, Aspropyrgos*
DeNOx SNCR system	Romania	Hoghiz	Cement	3650 t/d	1	2017	CRH	*Hoghiz*	*CRH, Hoghiz*
DeNOx SNCR system	Italy	Maddaloni	Cement	3000 t/d	1	2017	Cementir	*Maddaloni*	*Cementir, Maddaloni*
DeNOx SNCR system	Philippines	Tagbac	Cement	3500 t/d	1	2017	CBMI	*Tagbac*	*CBMI, Solid Cement, Tagbac*
DeNOx SNCR system	Egypt	El Sokhna	Cement	6500 t/d	1	2017	CementArabian	*El Sokhna*	*Arabian Cement, El Sokhna*
DeNOx SNCR system	Turkey	Ladik	Cement	2000 t/d	1	2017	Akcansa	*Ladik*	*Akcansa, Ladik*
DeNOx SNCR system	Belgium	Dessel	Glass		1	2017	Sibelco	*Dessel*	*Sibelco, tank + PMF*
DeNOx SNCR system	Poland	Lubin	Power		1	2017	InstalFilter	*Lubin*	*InstalFilter, Lubin*
DeNOx SNCR system	Denmark	Avernakke	Tar oil	4 MW	1	2017	Koppers	*Avernakke*	*Koppers, Avernakke*
DeNOx SNCR system	Denmark	Glostrup	Waste	24 t/h	1	2017	Västförbränning I/S	*Glostrup*	*Västförbränning L5, Glostrup*
DeNOx SNCR system	Norway	Tafjord	Waste	10 MW	1	2017	Tafjord Kraftvärme A/S	*Tafjord*	*Tafjord Kraftvärme, Tafjord, Boiler 1*
DeNOx SNCR system	India	Sirohi , Rajasthan	Coal	~285000 Nm3/hr (wet)	1	2016	JK Lakshmi	Sirohi , Rajasthan	*JK Lakshmi Sirohi*

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DeNOx SNCR system	India	Chanderia , Rajastha	Coal	~344285 Nm3/hr	1	2016	Birla Corp	Chanderia , Rajastha	*Birla Chanderia*
DeNOx SNCR system	India	Madhya Pradesh	Coal	345000 Nm3/hr (wet)	1	2016	Birla Corp	Madhya Pradesh	*Birla Satna*
DeNOx SNCR system	United Kingdom	Exceter	Biomass		1	2016	Kara	*Exceter*	*Kara, Exceter*
DeNOx SNCR system	Poland	Grudziadz	Biomass / Coal	30 MW	1	2016	Yara Poland (ETP)	*Grudziadz*	*Grudziadz*
DeNOx SNCR system	Brazil	Rio Branco	Cement	2350 t/d	1	2016	Votorantim	*Rio Branco*	*Votorantim, Rio Branco, L7*
DeNOx SNCR system	Brazil	Rio Branco	Cement	2350 t/d	1	2016	Votorantim	*Rio Branco*	*Votorantim, Rio Branco, L8*
DeNOx SNCR system	Brazil	Rio Branco	Cement	3500 t/d	1	2016	Votorantim	*Rio Branco*	*Votorantim, Rio Branco, L9*
DeNOx SNCR system	Spain	Cordoba	Cement		1	2016	Votorantim	*Cordoba*	*Votorantim, Cordoba*
DeNOx SNCR system	India	Chanderia	Cement	4100 t/d	1	2016	Birla Corp.	*Chanderia*	*Birla Corporation, Chanderia*
DeNOx SNCR system	India	Satna	Cement	4100 t/d	1	2016	Birla Corp.	*Satna*	*Birla Corporation, Satna*
DeNOx SNCR system	Bosnia and Herzegovina	Lukavac	Cement	2000 t/d	1	2016	Aliacem	*Lukavac*	*Aliacem, Lukavac*
DeNOx SNCR system	Turkey	Yumurtalik	Cement	5000 t/d	1	2016	CimentoSönmez	*Yumurtalik*	*Sönmez Cimento, Yumurtalik*
DeNOx SNCR system	India	Lakshmi	Cement	5000 t/d	1	2016	JK Lakshmi Cement	*Lakshmi*	*JK Lakshmi Cement, L1*
DeNOx SNCR system	Italy	Samatzai	Cement		1	2016	Italcementi	*Samatzai*	*Italcementi, Samatzai*
DeNOx SNCR system	United Kingdom	Rugby	Cement	5000 t/d	1	2016	CEMEX	*Rugby*	*CEMEX, Rugby*
DeNOx SNCR system	Italy	Fanna	Cement		1	2016	Cementi Zillo	*Fanna*	*Cementi Zillo, Fanna*
DeNOx SNCR system	USA	Festus	Cement		1	2016	Buzzi Unicem	*Festus*	*Buzzi, Festus*
DeNOx SNCR system	USA	Cape Girardeau	Cement	3500 t/d	1	2016	Buzzi Unicem	*Cape Girardeau*	*Buzzi, Cape Girardeau*
DeNOx SNCR system	Turkey	Söke	Cement	2300 t/d	1	2016	Batisöke Cement	*Söke*	*Batisöke Cement, Söke*
DeNOx SNCR system	Turkey	Afyonkarahisar	Cement	4000 t/d	1	2016	Afyon Cement	*Afyonkarahisar*	*Afyon Cement, Afyonkarahisar*
DeNOx SNCR system	Sweden	Köping	Lime	500 t/d	1	2016	Nordkalk	*Köping*	*Nordkalk, Köping*
DeNOx SNCR system	France	Poitiers	Waste	2,85 t/h waste	1	2016	Veolia	*Poitiers*	*Veolia, Poitiers*
DeNOx SNCR system	France	Poitiers	Waste	2,85 t/h waste	1	2016	Veolia	*Poitiers*	*Veolia, Poitiers*
DeNOx SNCR system	Denmark	Hjörring	Waste	11,1 MW	1	2016	B&WV	*Hjörring*	*Völund, Hjörring, Boiler 2*
DeNOx SNCR system	Denmark	Hjörring	Waste	20 MW	1	2016	B&WV	*Hjörring*	*Völund, Hjörring, Boiler 3*
DeNOx SNCR system	United Kingdom	Gloucestershire	Waste	22 t/h waste	1	2016	B&WV	*Gloucestershire*	*Völund, Gloucestershire*
DeNOx SNCR system	United Kingdom	Dunbar	Waste	53 MW	1	2016	B&WV	*Dunbar*	*Völund, Dunbar, boiler 1*

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DeNOx SNCR system	United Kingdom	Dunbar	Waste	53 MW	1	2016	B&WV	*Dunbar*	*Völund, Dunbar, boiler 2*
DeNOx SNCR system	Poland	Stalowa Wola	Biomass	100 MW	1	2015	Chemoservis	*Stalowa Wola*	*Chemoservis, Stalowa Wola*
DeNOx SNCR system	France	Massy	Biomass / Coal	32 MW	1	2015	Cofely	*Massy*	*Cofely, Massy, boiler 1*
DeNOx SNCR system	France	Massy	Biomass / Coal	32 MW	1	2015	Cofely	*Massy*	*Cofely, Massy, boiler 2*
DeNOx SNCR system	Brazil	Edealina	Cement	5000 t/d	1	2015	Votorantim	*Edealina*	*Votorantim, Edealina*
DeNOx SNCR system	Egypt	Beni Suef	Cement	4500 t/d	1	2015	Titan Cement	*Beni Suef*	*Titan, Beni Suef Kiln 1*
DeNOx SNCR system	Egypt	Beni Suef	Cement	4000 t/d	1	2015	Titan Cement	*Beni Suef*	*Titan, Beni Suef Kiln 2*
DeNOx SNCR system	Egypt	Alexandria	Cement	4800 t/d	1	2015	Titan Cement	*Alexandria*	*Titan, Alexandria*
DeNOx SNCR system	Turkey	Mersin	Cement	2000 t/d	1	2015	Cimsa Cement	*Mersin*	*Cimsa, Mersin*
DeNOx SNCR system	Turkey	Eskisehir	Cement	2500t/d	1	2015	Cimsa Cement	*Eskisehir*	*Cimsa, Eskisehir*
DeNOx SNCR system	China	Zhengzhou	Cement		1	2015	Kerneos	*Zhengzhou*	*Kerneos, Zhengzhou*
DeNOx SNCR system	Slovakia	Rohoznik	Cement	450 t/d	1	2015	Holcim	*Rohoznik*	*Holcim, Rohoznik, White cement*
DeNOx SNCR system	Slovakia	Rohoznik	Cement	3800 t/d	1	2015	Holcim	*Rohoznik*	*Holcim, Rohoznik, Grey cement*
DeNOx SNCR system	Sweden	Degerhamn	Cement		1	2015	Cementa AB	*Degerhamn*	*Cementa, Degerhamn, Line 3*
DeNOx SNCR system	Turkey	Bartin	Cement	3300t/d	1	2015	Bartin Cement	*Bartin*	*Bartin Cement, Bartin*
DeNOx SNCR system	Italy	Corteolona	Cement		1	2015	Ambiente	*Corteolona*	*Ambiente, Corteolona*
Storage and supply	Mexico	Acciona	Oil	Tank 56,8 m³ 100 kg/h NH3	1	2015	Acciona	*Acciona Mexico*	
DeNOx SNCR system	United Kingdom	Snetterton	Tank station		1	2015	Yara Germany	*Snetterton*	*ETG, Snetterton*
DeNOx SNCR system	Denmark	Avernakke	Tar oil	4 MW	1	2015	Koppers	*Avernakke*	*Koppers, Avernakke*
DeNOx SNCR system	Sweden	Grängesberg	Biomass	8,7 MW	1	2014	Petro Bio	*Grängesberg*	*Petro Bio, Spendrups*
DeNOx SNCR system	Norway	Aalesund	Biomass	2 MW	1	2014	RenovasjonHallingdal	*Aalesund*	*Hallingdal Renovasjon, Ål, Bio*
DeNOx SNCR system	Sweden	Hässelby	Biomass	100 MW	1	2014	Fortum AB	*Hässelby*	*Fortum, Hässelby P1*
DeNOx SNCR system	Sweden	Mjölby	Biomass	48 ton/h steam	1	2014	Andritz	*Mjölby*	*Andritz, Mjölby*
DeNOx SNCR system	Czech Republic	Trinec	Biomass / Coal	100 MW	1	2014	SES	*Trinec*	*SES, Trinec*
DeNOx SNCR system	Macedonia	Usje	Cement	1300t/d	1	2014	Titan Cement	*Usje*	*Titan, Cementarnica, Usje, Line 1*
DeNOx SNCR system	Macedonia	Usje	Cement	1300t/d	1	2014	Titan Cement	*Usje*	*Titan, Cementarnica, Usje, Line 2*
DeNOx SNCR system	Greece	Tessaloniki	Cement	4000 t/d	1	2014	Titan Cement	*Tessaloniki*	*Titan, Tessaloniki*
DeNOx SNCR system	Bulgaria	Beli Izvor	Cement	3300 MW	1	2014	Holcim	*Beli Izvor*	*Holcim, Beli Izvor*

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DeNOx SNCR system	Slovakia	Ladce	Cement	2400 MW	1	2014	Aliacem	*Ladce*	*Aliacem, Ladce*
DeNOx SNCR system	Turkey	Istanbul	Cement	1300 t/d	1	2014	Akcansa Cement	*Istanbul*	*Byuykcekmece, L1Akcansa Cement,*
DeNOx SNCR system	Turkey	Istanbul	Cement	2900 t/d	1	2014	Akcansa Cement	*Istanbul*	*Byuykcekmece, L2Akcansa Cement,*
DeNOx SNCR system	Turkey	Istanbul	Cement	1950 t/d	1	2014	Akcansa Cement	*Istanbul*	*Byuykcekmece, L3Akcansa Cement,*
DeNOx SNCR system	Poland	Oswiecim	Coal	105 MW	1	2014	Chemoservis	*Oswiecim*	*Chemoservis, Oswiecim*
DeNOx SNCR system	Italy	Ferrara	Gas	180 MW	1	2014	Yara Italy	*Ferrara*	*Yara, Ferrara, Reformer*
DeNOx SNCR system	Italy	Ferrara	Gas	190 t/h steam	1	2014	Yara Italy	*Ferrara*	*Yara, Ferrara, Boiler*
DeNOx SNCR system	United Kingdom	Oldbury	Recycling	360000 t/a	1	2014	Chinook Science	*Oldbury*	*Chinook Sience, Oldbury*
DeNOx SNCR system	United Kingdom	Dagenham	Recycling	180000 t/a	1	2014	Chinook Science	*Dagenham*	*Chinook Sience, Dagenham*
DeNOx SNCR system	United Kingdom	St Dennis	Waste	15,75 MW	1	2014	Vinci	*St Dennis*	*Vinci, St Dennis, Line 1*
DeNOx SNCR system	United Kingdom	St Dennis	Waste	15,75 MW	1	2014	Vinci	*St Dennis*	*Vinci, St Dennis, Line 2*
DeNOx SNCR system	Sweden	Ljungby	Waste	16 MW	1	2014	Ljungby Energi	*Ljungby*	*Ljungby Energi, Ljungby (Upgrade)*
DeNOx SNCR system	Norway	Aalesund	Waste	3,4t/h	1	2014	RenovasjonHallingdal	*Aalesund*	*Hallingdal Renovasjon, Ål, Waste*
DeNOx SNCR system	United Kingdom	Wilton	Waste	2x29,2 t/h	2	2014	CNIM	*Wilton*	*CNIM, Wilton*
DeNOx SNCR system	United Kingdom	Peterborough	Waste		1	2014	B&WV	*Peterborough*	*Völund, Peterborough*
DeNOx SNCR system	Sweden	Katrinefors	Biomass	27,8 MW	1	2013	Renewa	*Katrinefors*	*Renewa,Katrinefors*
DeNOx SNCR system	China	Yadong	Cement	6000t/d	1	2013	Yara China	*Yadong*	*Yadong, line 1*
DeNOx SNCR system	China	Yadong	Cement	3600t/d	1	2013	Yara China	*Yadong*	*Yadong, line 2*
DeNOx SNCR system	China	Shanya	Cement	5000t/d	1	2013	Yara China	*Shanya*	*South Cement, Shanya*

REFERENCES SCR, SNCR, NH3/NH4OH STORAGE AND SUPPLY, CATALYST MANAGEMENT

DeNOx SNCR system	China	Qinzhou	Cement	2500t/d	1	2013	Yara China	*Qinzhou*	*South Cement, Qianchao*
DeNOx SNCR system	China	Hebei	Cement	3600t/d	1	2013	Yara China	*Hebei*	*Wuan Xinfeng Line C, Hebei*
DeNOx SNCR system	China	Hebei	Cement	5600t/d	1	2013	Yara China	*Hebei*	*Wuan Xinfeng Line B, Hebei*
DeNOx SNCR system	China	Hangzhou	Cement	4000t/d	1	2013	Yara China	*Hangzhou*	*Dama Cement, Hangzhou*
DeNOx SNCR system	China	Fuyang	Cement	5000t/d	1	2013	Yara China	*Fuyang*	*South Cement, Fuyang*
DeNOx SNCR system	China	Dongchuan	Cement	2000t/d	1	2013	Yara China	*Dongchuan*	*Huaxin, DongChuan*
DeNOx SNCR system	China	Chenzhou	Cement	5000t/d	1	2013	Yara China	*Chenzhou*	*Huaxin, Chenzhou*
DeNOx SNCR system	China		Cement		1	2013	Yara China		*Yara China, WH2*
DeNOx SNCR system	Bulgaria	Zlatna Panega	Cement		1	2013	Titan cement	*Zlatna Panega*	*Titan Zlatna Panega cement*
DeNOx SNCR system	USA	Permanente	Cement		1	2013	Leheigh Cement	*Permanente*	*Leheigh Cement, Permanente*
DeNOx SNCR system	United Kingdom	Buxton	Cement		1	2013	Lafarge Tarmac	*Buxton*	*Lafarge Tarmac, Buxton*
DeNOx SNCR system	Romania	Campulung	Cement		1	2013	Holcim	*Campulung*	*Holcim, Campulung*
DeNOx SNCR system	United Kingdom	Ribbersdale	Cement		1	2013	CementHanson	*Ribbersdale*	*Hanson cement,Ribbersdale*
DeNOx SNCR system	Poland	Nowiny	Cement		1	2013	Dyckerhoff	*Nowiny*	*Dyckerhoff, Nowiny*
DeNOx SNCR system	Austria	Gladstone	Cement		1	2013	AustraliaCement	*Gladstone*	*Cement Australia, Gladstone*
DeNOx SNCR system	Romania	Taca	Cement		1	2013	Carpatcement	*Taca*	*Carpat Cement, Tasca*
DeNOx SNCR system	Romania	Fieni	Cement		1	2013	Carpatcement	*Fieni*	*Carpat Cement, Fieni*
DeNOx SNCR system	Italy	Robilante	Cement		1	2013	Buzzi Unicem	*Robilante*	*Buzzi, Robilante*
DeNOx SNCR system	Italy	Barletta	Cement		1	2013	Buzzi Unicem	*Barletta*	*Buzzi, Barletta*
DeNOx SNCR system	Italy	Augusta	Cement		1	2013	Buzzi Unicem	*Augusta*	*Buzzi, Augusta*
DeNOx SNCR system	Czech Republic	Hranice	Cement		1	2013	Aliacem	*Hranice*	*Aliacem, Hranice*
Storage and supply	Saudi Arabia	Rabigh	Oil	2.264.000 Nm³/h	2	2013	Rabigh IPPALSTOM	*Rabigh*	
DeNOx SNCR system	Denmark	Sönderborg	Waste		1	2013	Sönderborg KVV I/S	*Sönderborg*	*Sönderborg KVV, Sönderborg*
DeNOx SNCR system	Sweden	Hässleholm	Waste		1	2013	Hässleholm Miljö AB	*Hässleholm*	*Hässleholm Miljö, Upgrade*
DeNOx SNCR system	France	Pierrelatte	Biomass	58,5 t/h steam	1	2012	LLT	*Pierrelatte*	*LLT, Pierrelatte*
DeNOx SNCR system	Sweden	Nässjö	Biomass	12 MW	1	2012	Nässjö Affärsverk AB	*Nässjö*	*Nässjö Affärsverk*
DeNOx SNCR system	Sweden	Nässjö	Biomass	30 MW	1	2012	Nässjö Affärsverk AB	*Nässjö*	*Nässjö Affärsverk*
DeNOx SNCR system	China	Xinfeng	Cement	5000t/d	1	2012	Yara China	*Xinfeng*	*Yara China, Wuan, Xinfeng*
DeNOx SNCR system	China	Pengzhouo	Cement	5000t/d	1	2012	Yara China	*Pengzhouo*	*Yara China, Yadong, Pengzhou, Sichuan*
DeNOx SNCR system	China	Huanggang	Cement	5000t/d	1	2012	Yara China	*Huanggang*	*Yara China, Yadong, Huanggang, Hubei*
DeNOx SNCR system	China	Daoxian	Cement	4000t/d	1	2012	Yara China	*Daoxian*	*Huaxin, Daoxian*
DeNOx SNCR system	China		Cement		1	2012	STC		*STC, Container*
DeNOx SNCR system	China	Juhua	Cement	2000 t/d	1	2012	South Cement Company	*Juhua*	*South Cement Company_Juhua*
DeNOx SNCR system	China	Jiangshan	Cement	2500 t/d	1	2012	South Cement Company	*Jiangshan*	*South Cement Company_Jianshang*
DeNOx SNCR system	China	Changshan	Cement	5000 t/d	1	2012	South Cement Company	*Changshan*	*South Cement Company_Changshan*
DeNOx SNCR system	China	Tonglu	Cement	2500t/d	1	2012	South Cement	*Tonglu*	*South Cement, Tonglu*

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DeNOx SNCR system	China	Hubei	Cement	5000t/d	1	2012	Jinmen Gezhouba	*Hubei*	*Jinmen Gezhouba Cement, Hubei*
DeNOx SNCR system	China	Zhuzhou	Cement	6000 t/d	1	2012	Huaxin	*Zhuzhou*	*Huaxin, Zhuzhou*
DeNOx SNCR system	China	Xiangyang	Cement	4000 t/d	1	2012	Huaxin	*Xiangyang*	*Huaxin, Xiangyang*
DeNOx SNCR system	Germany	Lägerdorf	Cement		1	2012	Holcim	*Lägerdorf*	*Holcim, Lägerdorf*
DeNOx SNCR system	Romania	Alesd	Cement		1	2012	Holcim	*Alesd*	*Holcim, Alesd*
DeNOx SNCR system	Belgium	Lixhe	Cement	4600 t/d	1	2012	Heidelberg Cement	*Lixhe*	*Heidelberg, Lixhe*
DeNOx SNCR system	Norway	Kjöpsvik	Cement		1	2012	Heidelberg Cement	*Kjöpsvik*	*Heidelberg cement, Kjöpsvik*
DeNOx SNCR system	Poland	Gorazde	Cement	6000t/d	1	2012	Heidelberg Cement	*Gorazde*	*Heidelberg_ Gorazdze, line 1*

DeNOx SNCR system	Poland	Gorazde	Cement	6000t/d	1	2012	Heidelberg Cement	*Gorazde*	*Heidelberg_ Gorazdze, line 2*
DeNOx SNCR system	Norway	Brevik	Cement		1	2012	Heidelberg Cement	*Brevik*	*Heidelberg cement, Brevik*
DeNOx SNCR system	Belgium	Antiong	Cement	3000 t/d	1	2012	Heidelberg Cement	*Antiong*	*Heidelberg, Antoing*
DeNOx SNCR system	Romania	Deva	Cement	3200 t/d	1	2012	Heidelber Cement	*Deva*	*Heidelberg, Carpatcement*
DeNOx SNCR system	Germany	Deuna	Cement		1	2012	Dyckerhoff	*Deuna*	*Dyckerhoff, Deuna, Kiln 1*
DeNOx SNCR system	Germany	Deuna	Cement		1	2012	Dyckerhoff	*Deuna*	*Dyckerhoff, Deuna, Kiln 4*
DeNOx SNCR system	Slovakia	Horne Srnie	Cement	1250 t/d	1	2012	CEMMAC	*Horne Srnie*	*CEMMAC, Horne Srnie*
DeNOx SNCR system	Sweden	Degerhamn	Cement		1	2012	Cementa	*Degerhamn*	*Cementa, Degerhamn*
DeNOx SNCR system	Bulgaria	Devnya	Cement	4000 t/d	1	2012	CBMI	*Devnya*	*CBMI, Devnya*
DeNOx SNCR system	China	Suzhou	Waste	500 t/h	1	2012	STC	*Suzhou*	*STC, Suzhou III*
DeNOx SNCR system	China	Suzhou	Waste	500 t/h	1	2012	STC	*Suzhou*	*STC, Suzhou III*
DeNOx SNCR system	China	Suzhou	Waste	500 t/h	1	2012	STC	*Suzhou*	*STC, Suzhou III*
DeNOx SNCR system	China	GuanZhuang	Waste	500t/d	1	2012	STC	*GuanZhuang*	*TEDA, GuangZhuang, line1*
DeNOx SNCR system	China	GuanZhuang	Waste	500t/d	1	2012	STC	*GuanZhuang*	*TEDA, GuangZhuang, line2*
DeNOx SNCR system	Slovakia	Kosice	Waste	26 MW	1	2012	Ruths SpA	*Kosice*	*Ruths, Kosice*
DeNOx SNCR system	Sweden	Hässleholm	Waste	18 MW	1	2012	Hässlehplm Miljö	*Hässleholm*	*Hässleholm Miljö AB, software upgrade*
DeNOx SNCR system	Sweden	Halmstad	Waste	13 MW	1	2012	Fisia Babcock	*Halmstad*	*Fisia Babcock, Halmstad*
DeNOx SNCR system	Estonia	Tallinn	Waste	31 t/h	1	2012	CNIM	*Tallinn*	*IRU WtE CHP plant, Maaru/Tallinn*
DeNOx SNCR system	United Kingdom	Lincolnshire	Waste	19,24 t/h	1	2012	CNIM	*Lincolnshire*	*CNIM, Lincolnshire*
DeNOx SNCR system	Denmark	Thisted	Waste	7 t/h	1	2012	B&WV	*Thisted*	*Völund, Thisted*
DeNOx SNCR system	Finland	Rihimäki	Waste	16,4 t/h	1	2012	B&WV	*Rihimäki*	*Voimala 2, Rihimäki*
DeNOx SNCR system	Sweden	Tibro	Biomass	4 MW	1	2011	Petro ETT AB	*Tibro*	*Tibro Fjärrvärmeverk NEOVA*
DeNOx SNCR system	Sweden	Katrineholm	Biomass	25 MW	1	2011	Katrineholm Energi AB	*Katrineholm*	*Katrineholm Energi, line 3 (extension)*
DeNOx SNCR system	Ireland	Kinnegad	Cement		1	2011	Lagan Cemnent	*Kinnegad*	*Lagan Cement, Kinnegard*
DeNOx SNCR system	Italy	Calusco	Cement		1	2011	Italcementi	*Calusco*	*Italcementi, Calusco*
DeNOx SNCR system	Denmark	Burglengenfeldt	Cement		1	2011	Heidelberg Cement	*Burglengenfeldt*	*Heidelberg Cement, Burgengenfeld, line 2*
DeNOx SNCR system	Denmark	Burglengenfeldt	Cement		1	2011	Heidelberg Cement	*Burglengenfeldt*	*Heidelberg Cement, Burgengenfeld, line 3*
DeNOx SNCR system	Spain	Niebla	Cement		1	2011	Cementos Cosmos	*Niebla*	*Cementos Cosmos, Niebla*
DeNOx SNCR system	Italy	Taranto	Cement		1	2011	Cementir	*Taranto*	*Cementir, Taranto*
DeNOx SNCR system	Sweden	Malmö	Gas	36 MW	1	2011	Evonik	*Malmö*	*Evonik Norcarb, Malmö (upgrade)*
Storage and supply	Netherlands	Eemshaven	Natural gas, syngas	1.700 m³	1	2011	NEM bv NUON	*Eemshaven*	
DeNOx SNCR system	Sweden	Köping	Waste		1	2011	VAFAB Miljö	*Köping*	*VAFAB Miljö, Köping (upgrade)*
DeNOx SNCR system	Italy	Parma	Waste		1	2011	Ruths SpA	*Parma*	*Hera, Parma*
DeNOx SNCR system	Norway	Stavanger	Waste	24,4 MW	1	2011	B&WV	*Stavanger*	*Forus 2, Stavanger*
DeNOx SNCR system	Sweden	Landskrona	Waste	33 MW	1	2011	B&WV	*Landskrona*	*Landskrona Kraft*
DeNOx SNCR system	Sweden	Helsingborg	Waste	27 t/h	1	2011	B&WV	*Helsingborg*	*Filborna KVV1, Helsingborg*
DeNOx SNCR system	Denmark	Copenhagen	Waste	42 MW	1	2011	Amagerförbränning	*Copenhagen*	*Amagerförbränning, Amager, line 1*
DeNOx SNCR system	Denmark	Copenhagen	Waste	42 MW	1	2011	Amagerförbränning	*Copenhagen*	*Amagerförbränning, Amager, line 2*
DeNOx SNCR system	Denmark	Copenhagen	Waste	42 MW	1	2011	Amagerförbränning	*Copenhagen*	*Amagerförbränning, Amager, line 3*
DeNOx SNCR system	Denmark	Copenhagen	Waste	42 MW	1	2011	Amagerförbränning	*Copenhagen*	*Amagerförbränning, Amager, line 4*
DeNOx SNCR system	Sweden	Hässleholm	Biomass	23,3 MW	1	2010	Hässleholm Miljö	*Hässleholm*	*Hässleholm Miljö*
DeNOx SNCR system	Sweden	Hässelby	Biomass	110 MW	1	2010	Fortum	*Hässelby*	*Fortum, Hässelby P2*
DeNOx SNCR system	Croatia	Nasice	Cement	2600 t/d	1	2010	Nasicecement	*Nasice*	*Nasicecement, Nasice*
DeNOx SNCR system	USA	Union Bridge	Cement	7500t/d	1	2010	Lehigh Cement	*Union Bridge*	*Lehigh Cement, Union Bridge, MD*
DeNOx SNCR system	China	Eclepens	Cement		1	2010	Holcim	*Eclepens*	*Holcim Eclépens*
DeNOx SNCR system	Spain	Toral	Cement		1	2010	Cementos Cosmos	*Toral*	*Cementos Cosmos, Toral*
DeNOx SNCR system	Spain	Oural	Cement		1	2010	Cementos Cosmos	*Oural*	*Cementos Cosmos, Oural*

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DeNOx SNCR system	Denmark	Odense	Waste	60 MW	1	2010	Vattenfall	*Odense*	*Vattenfall, Odense KVV*
DeNOx SNCR system	China	Wuhan	Waste	500t/d	1	2010	STC	*Wuhan*	*Shenzhen Energy, Wuhan, line 1*
DeNOx SNCR system	China	Wuhan	Waste	500t/d	1	2010	STC	*Wuhan*	*Shenzhen Energy, Wuhan, line 2*
DeNOx SNCR system	China	Pinghu	Waste	10,4 t/h	1	2010	STC	*Pinghu*	*Damao; Pingho 2, line 1*
DeNOx SNCR system	China	Pinghu	Waste	10,4 t/h	1	2010	STC	*Pinghu*	*Damao; Pingho 2, line 2*
DeNOx SNCR system	China	Pinghu	Waste	10,4 t/h	1	2010	STC	*Pinghu*	*Damao; Pingho 2, line 3*
DeNOx SNCR system	China	Pinghu	Waste	10,4 t/h	1	2010	STC	*Pinghu*	*Damao; Pingho 2, line 4*
DeNOx SNCR system	Italy	Modena	Waste		1	2010	Ruths SpA	*Modena*	*Hera, Modena*
DeNOx SNCR system	Denmark	Slagelse	Waste	15,5 MW	1	2010	I/S KAVO	*Slagelse*	*Kavo Slagelse*
DeNOx SNCR system	Sweden	Halmstad	Waste	13 MW	1	2010	Energi ABHalmstad	*Halmstad*	*Halmstad Energi, Line 1*
DeNOx SNCR system	Sweden	Halmstad	Waste	13 MW	1	2010	Energi ABHalmstad	*Halmstad*	*Halmstad Energi, Line 2*
DeNOx SNCR system	United Kingdom	Coventry	Waste	12 t/h	1	2010	CSWDC	*Coventry*	*CSWDC; Coventry, line 1*
DeNOx SNCR system	United Kingdom	Coventry	Waste	12 t/h	1	2010	CSWDC	*Coventry*	*CSWDC; Coventry, line 2*
DeNOx SNCR system	United Kingdom	Coventry	Waste	12 t/h	1	2010	CSWDC	*Coventry*	*CSWDC; Coventry, line 3*
DeNOx SNCR system	Ireland	Meath	Waste	26,7 t/h	1	2010	B&WV	*Meath*	*Meath*
DeNOx SNCR system	Denmark	Horsens	Waste	15,5 MW	1	2010	B&WV	*Horsens*	*Horsens KVV, line 1*
DeNOx SNCR system	Denmark	Horsens	Waste	15,5 MW	1	2010	B&WV	*Horsens*	*Horsens KVV, line 2*
DeNOx SNCR system	Italy	Faenza	Waste / Biomass	48,7 MW	1	2010	Ruths SpA	*Faenza*	*Hera, Faenza*
DeNOx SNCR system	Italy	Osoppo	Biomass		1	2009	Fantoni SpA	*Osoppo*	*Fantoni, Osoppo*
DeNOx SNCR system	Italy	Greve in Chianti	Cement		1	2009	Sacci	*Greve in Chianti*	*Sacci, Greve in Chianti*
DeNOx SNCR system	Italy	Cagnano Amiterno	Cement		1	2009	Sacci	*Cagnano Amiterno*	*Sacci, Cagnano*
DeNOx SNCR system	Vietnam	Hatifa	Cement		1	2009	Polysis GmbH	*Hatifa*	*Polysius Hatifa*
DeNOx SNCR system	Bulgaria	Devdo	Cement	7000 t/d	1	2009	Italcementi	*Devdo*	*Italcementi, Devdo*
DeNOx SNCR system	Italy	Merone	Cement		1	2009	Holcim	*Merone*	*Holcim Merone, line 4*
DeNOx SNCR system	Italy	Merone	Cement		1	2009	Holcim	*Merone*	*Holcim Merone, line 5*
DeNOx SNCR system	Spain	Arrigoriaga	Cement		1	2009	Financiera y Minera	*Arrigoriaga*	*Financiera y Minera, Arrigoriaga plant*
DeNOx SNCR system	Italy	Spoleto	Cement		1	2009	Cementir	*Spoleto*	*Cementir, Spoleto*
DeNOx SNCR system	Italy	Gubbio	Cement		1	2009	Cementerie Aldo Barbetti	*Gubbio*	*Barbetti, Gubbio*
DeNOx SNCR system	Italy	Piacenza	Waste	28 t/h	1	2009	Tecnoborgo	*Piacenza*	*GuD Thermatel*
DeNOx SNCR system	Norway	Aalesund	Waste	18 MW	1	2009	B&WV	*Aalesund*	*Tafjord Kraftvarme, Ålesund*
DeNOx SNCR system	Sweden	Åmotfors	Waste	27,8 MW	1	2009	Åmotfors Energy	*Åmotfors*	*Åmotfors Energy*
DeNOx SNCR system	China	Suzhou	Waste	350 t/d	1	2009	Everbright Environmental	*Suzhou*	*Everbright Environmental, Suzhou I, line 1*
DeNOx SNCR system	China	Suzhou	Waste	350 t/d	1	2009	Everbright Environmental	*Suzhou*	*Everbright Environmental, Suzhou I, line 2*
DeNOx SNCR system	China	Suzhou	Waste	350 t/d	1	2009	Everbright Environmental	*Suzhou*	*Everbright Environmental, Suzhou I, line 3*
DeNOx SNCR system	China	Suzhou	Waste	500 t/d	1	2009	Everbright Environmental	*Suzhou*	*Everbright Environmental, Suzhou II, line 4*
DeNOx SNCR system	China	Suzhou	Waste	500 t/d	1	2009	Everbright Environmental	*Suzhou*	*Everbright Environmental, Suzhou II, line 5*
DeNOx SNCR system	Denmark	Skanderborg	Waste	5,5 t/h	1	2009	COWI A/S	*Skanderborg*	*Renosyd, Skanderborg, line 2*
DeNOx SNCR system	Denmark	Skanderborg	Waste	4 t/h	1	2009	COWI A/S	*Skanderborg*	*Renosyd, Skanderborg, line 1*
DeNOx SNCR system	Denmark	Aars	Waste		1	2009	COWI A/S	*Aars*	*Aars Varmeværk, line 1*
DeNOx SNCR system	Denmark	Aars	Waste		1	2009	COWI A/S	*Aars*	*Aars Varmeværk, line 2*
DeNOx SNCR system	Sweden	Norrköping	Waste	39,8 MW	1	2009	B&WV	*Norrköping*	*Fiskeby Board, Norrköping*
Storage and supply	Norway	Karstoe		2 x 50 m³	1	2008	Siemens CC Karstoe	*Karstoe*	
DeNOx SNCR system	Sweden	Mjölby	Biomass	13 MW	1	2008	Mjölby-Svartådalen	*Mjölby*	*Svartådalen Energi Mjölby, line 1*
DeNOx SNCR system	Sweden	Mjölby	Biomass	10 MW	1	2008	Mjölby-Svartådalen	*Mjölby*	*Svartådalen Energi Mjölby, line 2*
DeNOx SNCR system	United Kingdom	London	Biomass	16,4 MW	1	2008	Mcburney	*London*	*T&L London Refinery, line 1*
DeNOx SNCR system	United Kingdom	London	Biomass	16,4 MW	1	2008	Mcburney	*London*	*T&L London Refinery, line 2*

DeNOx SNCR system	United Kingdom	London	Biomass	16,4 MW	1	2008	Mcburney	*London*	*T&L London Refinery, line 3*
DeNOx SNCR system	United Kingdom	London	Biomass	16,4 MW	1	2008	Mcburney	*London*	*T&L London Refinery, line 4*
DeNOx SNCR system	Sweden	Katrineholm	Biomass	25 MW	1	2008	Katrineholm Energi AB	*Katrineholm*	*Katrineholm Energi, line 3*
DeNOx SNCR system	Sweden	Strängnäs	Biomass	38 MW	1	2008	B&WV	*Strängnäs*	*Strängnäs Energi*
DeNOx SNCR system	Spain	La Robla	Cement		1	2008	Sociedad Anónima	*La Robla*	*Tudela Veguin LaRobla*
DeNOx SNCR system	USA	Leeds	Cement	2 350 t/d	1	2008	Lehigh Cement	*Leeds*	*Lehigh Cement, Leeds, AL*
DeNOx SNCR system	Italy	Matera	Cement	2400 t/d	1	2008	Italcementi	*Matera*	*Italcementi Matera plant*
DeNOx SNCR system	Finland	Lappeenranta	Cement	2 250 t/d	1	2008	Finnsementti Oy	*Lappeenranta*	*Finnsementti, Lappeenranta*
DeNOx SNCR system	Spain	Malaga	Cement		1	2008	Financiera y Minera	*Malaga*	*Financiera y Minera, Malaga plant*

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DeNOx SNCR system	Spain	Anorga	Cement		1	2008	Financiera y Minera	*Anorga*	*Financiera y Minera, Anorga plant*
DeNOx SNCR system	Sweden	Kiruna	Waste	10,7 t/h	1	2008	Tekniska Verken Kiruna	*Kiruna*	*Tekniska Verken Kiruna, line 3*
DeNOx SNCR system	Italy	Rimini	Waste	54 t/h	1	2008	Ruths SpA	*Rimini*	*Hera Rimini*
DeNOx SNCR system	Denmark	Naestved	Waste	14,4 t/h	1	2008	B&WV	*Naestved*	*I/S Fasan, Næstved Line 2 and 3*
DeNOx SNCR system	Denmark	Naestved	Waste	14,4 t/h	1	2008	B&WV	*Naestved*	*I/S Fasan, Næstved Line 2 and 3*
DeNOx SNCR system	Sweden	Norrtälje	Biomass	25 MW	1	2007	KMW	*Norrtälje*	*Arsta Värmeverk, Norrtälje*
DeNOx SNCR system	Italy	Broni	Cement		1	2007	Italcementi	*Broni*	*Italcementi Broni plant*
DeNOx SNCR system	Italy	Ternate	Cement		1	2007	Holcim	*Ternate*	*Holcim Ternate (upgrade)*
DeNOx SNCR system	Germany	Ennigerloh	Cement	3450 t/d	1	2007	Zement GmbHHeidelberg	*Ennigerloh*	*Heidelberg Cement, Ennigerloh*
DeNOx SNCR system	Finland	Parainen	Cement		1	2007	Finnsementti Oy	*Parainen*	*Finnsementti, Parainen*
DeNOx SNCR system	Sweden	Malmö	Waste	30 MW	1	2007	Sysav AB	*Malmö*	*SYSAV, Malmö, line 1*
DeNOx SNCR system	Sweden	Malmö	Waste	30 MW	1	2007	Sysav AB	*Malmö*	*SYSAV, Malmö, line 2*
DeNOx SNCR system	Denmark	Kolding	Waste		1	2007	B&WV	*Kolding*	*TAS Kolding 4*
DeNOx SNCR system	Sweden	Linköping	Waste	12 t/h	1	2007	B&WV	*Linköping*	*GARP, Linköping, line 2*
DeNOx SNCR system	Italy	Forli	Waste	46,5 MW	1	2007	Ruths SpA	*Forli*	*Hera, Forli*
DeNOx SNCR system	Finland	Kotka	Waste	33,7 MW	1	2007	Keppel Seghers	*Kotka*	*Kotka Energy*
DeNOx SNCR system	Sweden	Linköping	Waste	2 x35 MW	2	2007	B&WV	*Linköping*	*GARP, Linköping, line 3*
DeNOx SNCR system	Denmark	Roskilde	Waste	7 t/h	1	2007	B&WV	*Roskilde*	*I/S KARA, Roskilde, line 4*
DeNOx SNCR system	Denmark	Nykøping	Waste	4 MW	1	2007	B&WV	*Nykøping*	*I/S REFA, Nykøping, line 1*
DeNOx SNCR system	Denmark	Nykøping	Waste	4 MW	1	2007	B&WV	*Nykøping*	*I/S REFA, Nykøping, line 2*
DeNOx SNCR system	Denmark	Nykøping	Waste	10,5 MW	1	2007	B&WV	*Nykøping*	*I/S REFA, Nykøping, line 3*
DeNOx SNCR system	Denmark	Aalborg	Waste	11 t/h	1	2007	B&WV	*Aalborg*	*I/S Reno Nord, Aalborg, line 3*
DeNOx SNCR system	Sweden	Boden	Waste	22 MW	1	2007	B&WV	*Boden*	*Boden Energi AB*
DeNOx SNCR system	USA	Allendale	Biomass	54 MW	1	2006	GTS Energy Inc	*Allendale*	*Grant, Allendale, line 1*
DeNOx SNCR system	USA	Allendale	Biomass	54 MW	1	2006	GTS Energy Inc	*Allendale*	*Grant, Allendale, line 2*
DeNOx SNCR system	USA	Allendale	Biomass	29 MW	1	2006	GTS Energy Inc	*Allendale*	*Grant, Allendale, line 3*
DeNOx SNCR system	USA	Clarendon	Biomass	54 MW	1	2006	GTS Energy	*Clarendon*	*Grant, Clarendon, line 1*
DeNOx SNCR system	USA	Clarendon	Biomass	54 MW	1	2006	GTS Energy	*Clarendon*	*Grant, Clarendon, line 2*
DeNOx SNCR system	USA	Clarendon	Biomass	29 MW	1	2006	GTS Energy	*Clarendon*	*Grant, Clarendon, line 3*
DeNOx SNCR system	United Kingdom	Padeswood	Cement	200 MW	1	2006	Castle Cement	*Padeswood*	*Castle Cement, Padeswood, kiln 4*
DeNOx SNCR system	Italy	Ferrara	Waste	27,9 MW	1	2006	Ruths SpA	*Ferrara*	*Hera, Ferrara line 1*
DeNOx SNCR system	Italy	Ferrara	Waste	27,9 MW	1	2006	Ruths SpA	*Ferrara*	*Hera, Ferrara line 2*
DeNOx SNCR system	Denmark	Roskilde	Waste	7 t/h	1	2006	B&WV	*Roskilde*	*KARA, Roskilde, line 3*
DeNOx SNCR system	Denmark	Kolding	Waste	28 MW	1	2006	B&WV	*Kolding*	*Kolding, TAS 5*
DeNOx SNCR system	Denmark	Copenhagen	Waste	3 t/h	1	2006	B&WV	*Copenhagen*	*Nordforbrænding, Copenhagen, line 1*
DeNOx SNCR system	Denmark	Copenhagen	Waste	3 t/h	1	2006	B&WV	*Copenhagen*	*Nordforbrænding, Copenhagen, line 2*
DeNOx SNCR system	Denmark	Copenhagen	Waste	3 t/h	1	2006	B&WV	*Copenhagen*	*Nordforbrænding, Copenhagen, line 3*
DeNOx SNCR system	France	Cluses	Waste	5 t/h	1	2006	B&WV	*Cluses*	*Cluses, line 2*

REFERENCES SCR, SNCR, NH3/NH4OH STORAGE AND SUPPLY, CATALYST MANAGEMENT

DeNOx SNCR system	Sweden	Avesta	Waste	21 MW	1	2006	B&WV	*Avesta*	*Fortum Källhagsverket, Avesta, boiler 3*
DeNOx SNCR system	Sweden	Katrineholm	Biomass	15 MW	1	2005	Katrineholm Energi AB	*Katrineholm*	*Katrineholm Energi, boiler 2*
DeNOx SNCR system	United Kingdom	Ketton	Cement	150 MW	1	2005	Castle Cement	*Ketton*	*Castle Cement, Ketton, kiln 7*
DeNOx SNCR system	United Kingdom	Ketton	Cement	300 MW	1	2005	Castle Cement	*Ketton*	*Castle Cement, Ketton, kiln 8*
DeNOx SNCR system	Denmark	Aalborg	Cement	5500 t/d	1	2005	PortlandAalborg	*Aalborg*	*Aalborg Portland, kiln 87*
DeNOx SNCR system	United Kingdom	Nottingham	Waste	10,5 t/h	1	2005	WRG	*Nottingham*	*WRG Eastcroft, Nottingham, line 1*
DeNOx SNCR system	United Kingdom	Nottingham	Waste	10,5 t/h	1	2005	WRG	*Nottingham*	*WRG Eastcroft, Nottingham, line 2*
DeNOx SNCR system	United Kingdom	Birmingham	Waste	22 t/h	1	2005	Tyseley Waste Disposal	*Birmingham*	*Tyseley, Birmingham, line 1*
DeNOx SNCR system	United Kingdom	Birmingham	Waste	22 t/h	1	2005	Tyseley Waste Disposal	*Birmingham*	*Tyseley, Birmingham, line 2*
DeNOx SNCR system	Norway	Trondheim	Waste	15 MW	1	2005	Trondheim Energiverk	*Trondheim*	*Heimdal, Trondheim, line 1*
DeNOx SNCR system	Norway	Trondheim	Waste	15 MW	1	2005	Trondheim Energiverk	*Trondheim*	*Heimdal, Trondheim, line 2*
DeNOx SNCR system	United Kingdom	Middlesborough	Waste	15 t/h	1	2005	SITA	*Middlesborough*	*SITA Tees Valley, line 1*
DeNOx SNCR system	United Kingdom	Middlesborough	Waste	15 t/h	1	2005	SITA	*Middlesborough*	*SITA Tees Valley, line 2*
DeNOx SNCR system	Sweden	Ljungby	Waste	16 MW	1	2005	Ljungby Energi AB	*Ljungby*	*Ljungby Energi FP3*
DeNOx SNCR system	Sweden	Skövde	Waste	18 MW	1	2005	B&WV	*Skövde*	*Skövde Energi*
DeNOx SNCR system	Denmark	Roskilde	Waste	23 t/h	1	2005	B&WV	*Roskilde*	*KARA, Roskilde, line 5*
DeNOx SNCR system	Denmark	Naestves	Waste	20 MW	1	2005	B&WV	*Naestves*	*I/S Fasan, Naestved, line 4*

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DeNOx SNCR system	Denmark	Holstebro	Waste	10 t/h	1	2005	B&WV	*Holstebro*	*Måbjergvaerket, Holstebro, line 1*
DeNOx SNCR system	Denmark	Holstebro	Waste	10 t/h	1	2005	B&WV	*Holstebro*	*Måbjergvaerket, Holstebro, line 2*
DeNOx SNCR system	France	Hagenau	Waste	13 MW	1	2005	B&WV	*Hagenau*	*Hagenau, line 1*
DeNOx SNCR system	France	Hagenau	Waste	2 x 13 MW	2	2005	B&WV	*Hagenau*	*Hagenau, line 2*
DeNOx SNCR system	Sweden	Eksjö	Waste	18 MW	1	2005	B&WV	*Eksjö*	*Eksjö Energi, boiler 5*
DeNOx SNCR system	Denmark	Copenhagen	Waste	10 t/h	1	2005	B&WV	*Copenhagen*	*Nordforbrænding, Copenhagen, line 4*
DeNOx SNCR system	Denmark	Aarhus	Waste	20 MW	1	2005	B&WV	*Aarhus*	*Århus Nord boiler 1*
DeNOx SNCR system	Denmark	Aarhus	Waste	20 MW	1	2005	B&WV	*Aarhus*	*Århus Nord boiler 2*
DeNOx SNCR system	Denmark	Aalborg	Waste	20 MW	1	2005	B&WV	*Aalborg*	*Reno Nord, Aalborg, line 4*
DeNOx SNCR system	Sweden	Stockholm	Waste	34 t/h	1	2004	B&WV	*Stockholm*	*Fortum Högdalen*
DeNOx SNCR system	Sweden	Eksjö	Waste	12 MW	1	2004	B&WV	*Eksjö*	*Eksjö Energi, boiler 2*
DeNOx SNCR system	Denmark	Copenhagen	Waste	35 t/h	1	2004	B&WV	*Copenhagen*	*I/S Vestforbrænding, anlæg 6*
Storage and supply	USA	Bartonville	/	115 m³ / 360 kg	1	2003	Lurgi Lentjes North America	*Bartonville*	
Storage and supply	USA	Canton	/	115 m³ / 426 kg	1	2003	Lurgi Lentjes North America	*Canton*	
DeNOx SNCR system	Sweden	Norrköping	Bark / Sludge	65 MW	1	2003	Holmen Paper AB	*Norrköping*	*Holmen Paper, Braviken barkpanna*
DeNOx SNCR system	Norway	Fredrikstad	Waste	4,5 t/h	1	2003	Frevar KF	*Fredrikstad*	*Frevar, Fredrikstad, boiler 1*
DeNOx SNCR system	Norway	Fredrikstad	Waste	4,5 t/h	1	2003	Frevar KF	*Fredrikstad*	*Frevar, Fredrikstad, boiler 2*
DeNOx SNCR system	Sweden	Hässleholm	Waste	18 MW	1	2003	B&WV	*Hässleholm*	*Hässleholm Fjärrvärme, Beleverket*
DeNOx SNCR system	France	Nevers	Waste	15 MW	1	2002	B&WV	*Nevers*	*Sonirval, Nevers*
DeNOx SNCR system	Sweden	Karlstad	Waste	17 MW	1	2002	B&WV	*Karlstad*	*Karlstad Energi, Hedenverket P1*
DeNOx SNCR system	Denmark	Esbjerg	Waste	30 t/h	1	2002	B&WV	*Esbjerg*	*Esbjerg, L-90*
DeNOx SNCR system	Denmark	Copenhagen	Waste	15 MW	1	2002	B&WV	*Copenhagen*	*I/S Vestforbrænding, anlæg 1*
DeNOx SNCR system	Denmark	Copenhagen	Waste	15 MW	1	2002	B&WV	*Copenhagen*	*I/S Vestforbrænding, anlæg 2*
DeNOx SNCR system	Denmark	Copenhagen	Waste	15 MW	1	2002	B&WV	*Copenhagen*	*I/S Vestforbrænding, anlæg 3*
DeNOx SNCR system	Denmark	Copenhagen	Waste	15 MW	1	2002	B&WV	*Copenhagen*	*I/S Vestforbrænding, anlæg 4*
DeNOx SNCR system	Sweden	Kalmar	Biomass	40 MW	1	2001	Kalmar Energi	*Kalmar*	*Graninge Kalmar Energi P4*
DeNOx SNCR system	Sweden	Kalmar	Biomass	10 MW	1	2001	Kalmar Energi	*Kalmar*	*Graninge Kalmar Energi P1*
DeNOx SNCR system	Sweden	Örebro	Waste	18 MW	1	2001	B&WV	*Örebro*	*Örebro Kartongbruk*
DeNOx SNCR system	Denmark	Copenhagen	Waste	20 t/h	1	2001	B&WV	*Copenhagen*	*I/S Amagerforbrænding, anlæg 1*
DeNOx SNCR system	Sweden	Norsa	Waste	10 MW	1	2000	Västra Mälardalens	*Norsa*	*Västra Mälardalens renhållning, Norsa*

REFERENCES SCR, SNCR, NH3/NH4OH STORAGE AND SUPPLY, CATALYST MANAGEMENT

DeNOx SNCR system	Sweden	Ljungby	Waste	18 MW	1	2000	Ljungby Energi	*Ljungby*	*Ljungby Energi*
DeNOx SNCR system	Denmark	Copenhagen	Waste	20 t/h	1	2000	B&WV	*Copenhagen*	*I/S Amagerforbrænding, anlæg 3*
DeNOx SNCR system	Denmark	Copenhagen	Waste	20 t/h	1	2000	B&WV	*Copenhagen*	*I/S Amagerforbrænding, anlæg 2*
DeNOx SNCR system	Sweden	Slite	Cement	150 MW	1	1999	Cementa	*Slite*	*Cementa, Slite, ugn 7*
DeNOx SNCR system	United Kingdom	Bolton	Waste	20 t/h	1	1999	Greater Manchester	*Bolton*	*Greater Manchester Waste, Bolton*
DeNOx SNCR system	Denmark	Amager	Waste	20 t/h	1	1999	B&WV	*Amager*	*I/S Amagerforbrænding, anlæg 4*
DeNOx SNCR system	Denmark	Copenhagen	Waste	26 t/h	1	1998	B&WV	*Copenhagen*	*I/S Vestforbrænding, anlæg 5*
DeNOx SNCR system	Sweden	Slite	Cement	300 MW	1	1997	Cementa	*Slite*	*Cementa, Slite, ugn 8*
DeNOx SNCR system	Sweden	Norrköping	Biomass	115 MW	1	1996	Norrköping Energi	*Norrköping*	*Händelöverket, P11Norrköping Energi,*
DeNOx SNCR system	Sweden	Östersund	Biomass	25 MW	1	1996	Jämtkraft AB	*Östersund*	*Jämtkraft*
DeNOx SNCR system	Sweden	Stockholm	Biomass / Oil	75 MW	1	1995	Vattenfall AB	*Stockholm*	*Drefviken*
DeNOx SNCR system	Sweden	Norrköping	Coal	125 MW	1	1995	Norrköping Energi	*Norrköping*	*Händelöverket, P12Norrköping Energi,*
DeNOx SNCR system	Sweden	Linköping	Oil	160 MW	1	1995	Tekniska Verken	*Linköping*	*Tekniska Verken Linköping, KV1-P2*
DeNOx SNCR system	Sweden	Södertälje	Coal / Oil	120 MW	1	1994	Söderenergi	*Södertälje*	*Söderenergi, Igelstaverket, P1*
DeNOx SNCR system	Sweden	Södertälje	Coal / Oil	120 MW	1	1994	Söderenergi	*Södertälje*	*Söderenergi, Igelstaverket, P2*
DeNOx SNCR system	Sweden	Malmö	Gas	37 MW	1	1994	Nordisk Carbon Black	*Malmö*	*Nordisk Carbon Black*
DeNOx SNCR system	Sweden	Linköping	Waste	30 MW	1	1993	Tekniska Verken	*Linköping*	*Gärstadsverket, P2*
DeNOx SNCR system	Sweden	Linköping	Waste	18 MW	1	1993	Tekniska Verken	*Linköping*	*Gärstadsverket, P1*
DeNOx SNCR system	Sweden	Linköping	Waste	30 MW	1	1993	Tekniska Verken	*Linköping*	*Gärstadsverket, P3*
DeNOx SNCR system	Sweden	Linköping	Biomass	60 MW	1	1992	Tekniska Verken	*Linköping*	*Tekniska Verken Linköping, KV1-P3*
DeNOx SNCR system	Sweden	Hallstahammar	Biomass	20 MW	1	1992		*Hallstahammar*	*Hallstahammar*
DeNOx SNCR system	Sweden	Borås	Biomass / Coal	70 MW	1	1992	Borås Energi	*Borås*	*Borås Energi, P1*
DeNOx SNCR system	Sweden	Borås	Biomass / Coal	70 MW	1	1992	Borås Energi	*Borås*	*Borås Energi, P2*