

Reference List for Cement Kilns

ELEX AG

<i>Client</i>	<i>Object</i>	<i>Gas Volume</i>	<i>Dust</i>		<i>Deduster</i>			<i>Cooling Tower</i>		<i>Year</i>
<i>Site</i>		<i>/-temp</i>	<i>Efficiency %</i>		<i>Chamber</i>			<i>no</i>	<i>d</i>	
<i>Country</i>	<i>Capacity</i>	<i>m3/s actual</i>	<i>inlet / outlet</i>	<i>g/m3</i>	<i>mg/m3</i>	<i>no</i>	<i>type</i>	<i>s</i>	<i>no</i>	<i>d</i>
<i>A-Nr. Keyword</i>		<i>°C</i>								
Titan Cement Co. S.A.	Preheater direct, with CT	106				1	Hybrid			2005
Patras		140								
Greece										
7158 Patras										
Siam City Cement Public C	Preheater direct, with CT									2006
Saraburi										
Thailand										
7783 Bangkok V										
GEC	Clinker Cooler	108.3	99.47%			1	427B	3		1988
Gulburga		210	15	80						
India										
8000 Rajashree III										
AAF-Ltd.	Preheater direct, without CT	65.28				1	KHD	2		1988
East Aberthaw		150								
Great Britain	1'500 t/d									
8003 Aberthaw										
E. Lüscher	Preheater direct, with CT	31.5	99.96%			1	414B	3	1	5
Acapulco		150	61	24						1988
Mexico	1'400 t/d									
8004 Acapulco										
Inchon Eng.	Preheater direct, with CT	232.5	99.99%			2	433C	4	2	8.4
Okke		80	645	69						1988
Korea South										
8005 Okke										
Inchon Eng.	Clinker Cooler	105	98.38%			2	431B	3		1988
Okke		118	2.9	47						
Korea South										
8006 Okke										

<i>Client Site Country A-Nr. Keyword</i>	<i>Object Capacity</i>	<i>Gas Volume /-temp m3/s actual °C</i>	<i>Dust Efficiency % inlet / outlet g/m3 mg/m3</i>	<i>Deduster no type s</i>	<i>Cooling Tower no d m</i>	<i>Year</i>
Seibel & Söhne Erwitte Germany 8008 Seibel	Lepol Kiln	103.6 92	99.77% 18.3 42	1 426B 3		1989
Fuller Co. Tan Yang Korea South 8009 Tan Yang	Preheater direct, with CT 4'400 t/d	180.5 80	100.00% 680 29	1 431C 3	1 9.2	1989
Cement. Sebina Tavernola Italy 8011 Tavernola	Lepol Kiln 330 t/d	59.4 150	99.76% 4.8 11.3	1 421B 4	1 5.6	1989
UBE Ind. Thung-Song Thailand 8012 Thung-Song	Preheater direct, with CT 3'000 t/d	85 150	99.88% 31.8 38.2	1 422B 3	1 7.2	1989
UBE Ind. Thung-Song Thailand 8013 Thung-Song	Preheater direct, without CT	42.5 315	93.75% 36.7 2294	1 424B 2		1989
UBE Ind. Thung-Song Thailand 8014 Thung-Song	Clinker Cooler 3'000 t/d	120 244	99.70% 10.4 31.3	1 431B 3		1989
FLS Tabkwang Thailand 8017 Tabkwang V	Preheater direct, without CT 5'500 t/d	178.3 150	99.91% 33.8 31.3	1 429B 3	1 9.2	1989
FLS Tabkwang Thailand 8018 Tabkwang VI	Preheater direct, without CT	75.25 330	94.53% 24 1314	1 423B 3		1989

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T. Cim. ve Toprak Elazig Turkey 8022 Elazig	Lepol Kiln 550 t/d	36.75 110	97.15% 2.35 67	2 414B 2		1989
Cem. di Monselice Monselice Italy 8023 Monselice	Preheater direct, with CT 1'700 t/d	58.6 150	99.96% 26.1 10.2	1 421B 4		1989
Asia Cement Hsin-Chu Taiwan 8025 Hsin-Chu III	Preheater direct, without CT 2'500 t/d	52.56 150	99.96% 37 15.4	1 420B 3		1989
Unicem Lugagnano Italy 8027 Lugagnano	Preheater direct, with CT 2'200 t/d	108 92	100.00% 470 12	1 428C 4	1 6	1989
Izmir Cim. Izmir Turkey 8028 Izmir	Preheater direct, with CT 2'200 t/d	121.3 150	99.83% 19.1 31.8	1 427B 3	1 7.2	1989
FLS Kaeng Koi Thailand 8029 Kaeng Koi	Preheater direct, with CT 5'500 t/d				1 9.2	1989
AAF-Ltd. South Ferriby Great Britain 8030 South Ferriby	Clinker Cooler 1'100 t/d	44.4 200	99.48% 16.6 86	1 417B 3		1989
GEC India Hira India 8034 Bardol	Wet Kiln	62.5 230	99.83% 45.2 78	2 321B 2		1989

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Centunión Morata de Jalón Spain 8040 Morata	Preheater direct, with CT 2'000 t/d	79.1 123	99.96% 55 21.7	1	422B	3	1	5.6	1990	
Teutonia Zem. Hannover Germany 8043 Teutonia	Clinker Cooler	4.03 45	99.80% 11.8 23.5	2	Modul	2			1990	
Kawasaki Udaipur Nepal 8044 Udaipur	Preheater direct, with CT 800 t/d	45 146	99.88% 49.8 62.2	1	416B	3	1	5.6	1990	
Jalaprathan Cem. Cha-Am Thailand 8045 Cha-Am	Clinker Cooler 2'700 t/d	121.67 300	99.75% 18.3 46	1	429B	3			1990	
Asia Cem. Hualien Taiwan 8047 Hualien	Preheater direct, with CT 3'600 t/d	90.52 150	99.94% 28.6 16	1	428B	3			1990	
Asia Cem. Hualien Taiwan 8048 Hualien	Preheater direct, with CT 4'200 t/d	70.38 150	99.94% 28.6 16	1	426B	3			1990	
CCB-Gaurain Gaurain Belgium 8051 Gaurain	Bypass 7'200 t/d	103.1 150	99.98% 58 13.3	1	429B	4	1	7.2	1990	
Asia Cem. Hualien Taiwan 8052 Hualien	Preheater direct, with CT 4'800 t/d	200.7 150	99.96% 41 16	1	431B	3	1	8.4	1990	

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Asia Cem. Hualien Taiwan 8053 Hualien	Clinker Cooler 5'500 t/d	252.17 300	99.90% 12 12	1	434B	4			1990
Jalaprathan Cem. Cha-Am Thailand 8056 Cha-Am	Preheater direct, with CT 3'000 t/d	133.33 90	99.99% 520 54	1	427C	3	1	6.4	1990
FLS-Valby Tabkwang Thailand 8057 Tabkwang	Preheater direct, with CT 9'000 t/d	360 118	99.94% 52.6 34	1	437B	3	1	9.2	1990
FLS-Valby Tabkwang Thailand 8058 Tabkwang	Preheater direct, without CT	138.03 323	96.63% 39.4 1329	1	430B	3			1990
Krupp Polysius Bulawayo Zimbabwe 8060 Bulawayo	Preheater direct, with CT 1'000 t/d	48.73 104	99.82% 51 92	1	418B	2	1	4.8	1990
Kirchdorfer Zem. Kirchdorf Austria 8061 Kirchdorf II	Preheater direct, without CT 800 t/d	35.01 100	99.96% 46 17.3	1	419B	2			1990
Kirchdorfer Zem. Kirchdorf Austria 8062 Kirchdorf III	Clinker Cooler 800 t/d	34.66 250	99.86% 9.9 14.3	1	419B	3			1990
AAF-France Ranville France 8065 Ranville	Clinker Cooler	40.33 220	99.58% 6.56 27.3	1	417B	3			1990

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G. Rossi Piacenza Italy 8067 Rossi	Preheater direct, with CT 1'600 t/d	140.1 150	99.95% 23 11	1	429Ex.	4	1	6.8	1990
G. Rossi Piacenza Italy Rossi	Clinker Cooler	140.1 150	99.95% 23 11	1	429Ex.	4	1	6.8	1990
Ceti Comabbio Italy 8068 Ceti	Clinker Cooler 2500 t/h	181.65 150	99.93% 18.8 12.7	1	431B	4	1	8	1991
Ceti Comabbio Italy Ceti	Preheater direct, with CT 2'500 t/d	181.65 150	99.93% 18.8 12.7	1	431B	4	1	8	1991
Ube Ind. Khao Wong Thailand 8069 Khao Wong	Preheater direct, with CT 1'000 t/d						1	9.2	1990
ELB Brandt Ltd. Dudfield South Africa 8073 Dudfield	Preheater direct, with CT						1	8.4	1990
Fuller Co. Narogong Indonesia 8074 Cibinong	Preheater direct, with CT	286.11 158	99.84% 34 54	1	434B	3	1	9.2	1990
Fuller Co. Narogong Indonesia Cibinong	Clinker Cooler	286.11 158	99.84% 34 54	1	434B	3	1	9.2	1990

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Hsing-Ta Cem. Suao Taiwan 8076 Hsing-Ta	Preheater direct, with CT 2'500 t/d	96.6 120	99.95% 37	17	1	418B	3			1990
S.C.M de Cemento Cruz Azul Mexico 8077 Cruz Azul	Clinker Cooler	169.8 250	99.73% 11	30	1	432B	3			1990
IHI-Tokyo Ardebil Iran 8078 Ardebil	Bypass 2'300 t/d	10 150	99.87% 43	54	1	413B	2	1	3.6	1990
IHI-Tokyo Ardebil Iran 8079 Ardebil	Clinker Cooler 2'300 t/d	118.3 280	99.80% 21	42	1	429B	3			1990
Colacem SpA Galatina Italy 8080 Galatina	Preheater direct, with CT 1'800-2'800 t/d	185.84 150	99.94% 18	11	1	430B	5	1	8	1990
Colacem SpA Galatina Italy Galatina	Clinker Cooler 1'800-2'800 t/d	185.84 150	99.94% 18	11	1	430B	5	1	8	1990
Voest Alpine Bolu Turkey 8081 Bolu	Preheater direct, with CT 3'750 t/d	184.31 92	99.89% 47.5	51	1	429B	3	1	7.2	1990
Halla Chongju Korea South 8088 Chongju	Preheater direct, with CT 320 t/h	13 170	99.94% 101	62	1	413B	2			1990

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Cemco United Cartago Costa Rica 8093 Cartago	Clinker Cooler 1'800 t/d	93.2 250	100.00% 59 0.05	1	427B	3			1992
Deuna Zement Deuna Germany 8094 Deuna	Preheater direct, with CT 2'400 t/d	102.07 120	99.94% 36 20	1	426B	3	2	5	1991
Deuna Zement Deuna Germany 8095 Deuna	Clinker Cooler 2'400 t/d	78.83 250	99.70% 5 15	1	426B	3			1991
Akcimento Büyükçekmece Turkey 8096 Büyükçekmece	Preheater direct, with CT 3'000 t/d	146 115	99.93% 48 34	1	428B	3	1	7.2	1991
AAF-Ltd. Westbury Great Britain 8098 Westbury	Wet Kiln 8098 Westbury	83.33 150	99.96% 53 21	2	424B	4			1991
Asia Cem. Khaowong Thailand 8099 Khaowong	Preheater direct, with CT 8099 Khaowong						1	9.2	1991
Fuller Valencia Venezuela 8101 Valencia	Clinker Cooler 2'600 t/d	99.72 241	99.85% 16.5 25	1	428B	3			1991
Hsing Ta Cem. Suao Taiwan 8102 Hsing Ta	Clinker Cooler 2'200 t/d	100 220	99.91% 15.7 13.6	1	430B	3			1991

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Cimhol Lalapasa Turkey 8104 Lalapasa	Preheater direct, with CT	70.83 120	99.93% 70.4 51	1	421B	3	1	5.6	1991
Hsing Ta Cem. Suao Taiwan 8105 Hsing Ta	Preheater direct, with CT								1991
AAF-France Bouscoura Morocco 8108 Bouscoura	Preheater direct, with CT 1'900 t/d	70.83 100	99.94% 60 35.5	1	425B	2	1	6	1991
AAF-France Bouscoura Morocco 8109 Bouscoura	Clinker Cooler	77.32 240	99.80% 12.8 25.6	1	425B	3			1991
AAF-France Safi Morocco 8115 Safi	Preheater direct, with CT 1'600 t/d	63.57 100	99.99% 625.3 32.8	1	420C	3	1	6	1991
AAF-France Balikesir Turkey 8116 Balikesir	Preheater direct, with CT						1	6	1991
AAF-France/Set Cim. Trakya Turkey 8117 Trakya	Preheater direct, with CT 120 t/h						1	4.8	1991
PZW AG Olten Switzerland 8118 Olten II	Preheater direct, with CT 1'200 t/d	44.53 155	99.99% 62.4 7.4	1	423B	3			1991

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Bati Anadolu Cim. Izmir Turkey 8119 Baticim I	Clinker Cooler 2'400 t/d	92.27 360	99.92% 21.07 16.88	1 428B 3		1991
Bati Anadolu Cim. Izmir Turkey 8120 Baticim II	Clinker Cooler 2'150 t/d	85.39 350	99.92% 21.07 16.88	1 428B 3		1991
Karsdorfer Zem. Karsdorf Germany 8121 Karsdorf	Preheater direct, with CT 2x2'300 t/d	78.94 130	99.97% 48.8 14.8	2 425C 3	2 7.2	1991
Fuller Co. Samchuk Korea South 8122 Hong Song	Preheater direct, with CT				1 8.4	1991
Fuller Co. La Paz Bolivia 8123 Soboce	Preheater direct, with CT				1 7.6	1991
Halla Danyan-Gun Korea South 8131 Danyan-Gun	Preheater direct, with CT 3'300 t/d	152.67 130	99.96% 51.7 18.2	1 429B 4		1991
Adriasebina Cem. Pescara Italy 8133 Pescara	Lepol Kiln	49.4 130	99.34% 1.8 11.9	1 spec. 1		1991
Bacnotan Cem. Bacnotan Philippines 8134 Bacnotan	Preheater direct, with CT	108.3 100	99.85% 71.3 107	1 428B 2	1 7.2	1991

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Kerman Cem. Kerman Iran 8135 Kerman	Preheater direct, with CT 2'200 t/d	111.21 150	99.93% 35.7 25.5	1	426B	3	1	6.4	1991
CLE Meknes Morocco 8137 Meknes	Preheater direct, with CT 1'200 t/d	68.81 105	99.99% 529 58.8	1	422C	3	1	5.2	1991
Teutonia Hannover Germany 8138 Teutonia	Clinker Cooler	4.03 45	99.80% 11.8 23.5	2	Modul	2			1991
CLE Meknes Morocco 8139 Meknes	Clinker Cooler 1'200 t/d	19.59 127	99.60% 16 64	1	419B	3			1991
Ardebil Cem. Ardebil Iran 8140 Ardebil	Preheater direct, with CT 3'000 t/d	236.11 81	99.99% 335 46.6	1	432C	3	1	6.4	1993
Cim. Libanais Chekka Lebanon 8142 Chekka	Wet Kiln 2'000 t/d	104.17 250	99.09% 27 245	1	419B	3			1992
Aslan Cim. Darica Turkey 8143 Darica	Clinker Cooler 3'500 t/d	111.94 260	99.85% 10 14.6	1	430B	3			1992
Cim. Français Gargenville France 8144 Gargenville	Clinker Cooler 1'700 t/d	73.33 100	99.96% 47.6 20.4	1	23spe	3			1993

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Cim. Français Gargenville France 8145 Gargenville	Preheater direct, with CT 1'700 t/d	76.25 220	99.80% 13.7 27.3	1	424B	3			1993
Lloyds Richfield Cebu Philippines 8146 Cebu	Wet Kiln 1'300 t/d	125 220	99.63% 14.6 54	1	428B	2			1992
Set Group Afyon Turkey 8147 Afyon	Lepol Kiln 600 t/h	33.3 110	98.31% 3.7 62.5	1	415B	2			1993
Set Group Afyon Turkey 8148 Afyon	Lepol Kiln 850 t/d	46.18 110	98.31% 3.7 62.5	1	417B	2			1993
Polysius-Frankreich Sung Shin Korea South 8151 Danyang-Kun	Preheater direct, with CT 6'000 t/d						1	8.4	1993
Cem. Polpaico Cerro Blanco Chile 8153 Cerro Blanco	Lepol Kiln	55.5 125	99.82% 15.6 28	1	420B	3			1992
Rugby Cem. South Ferriby Great Britain 8155 South Ferriby	Lepol Kiln	73.52 110	98.93% 3.3 35.4	1	419B	3			1994
FCB-France Ankara Turkey 8156 Ankara	Preheater direct, with CT 1'500 t/d	70.41 100	99.99% 500.8 30.2	1	423C	3	1	5.6	1993

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FCB-France Ankara Turkey 8157 Ankara	Clinker Cooler 1'500 t/d	52.7 180	99.67% 7.5 25	1	423B	3			1993
FCB-France Mashad Iran 8158 Shargh	Preheater direct, with CT 3'000 t/d	172.7 86	99.99% 540 47	1	430C	3	1	7.2	1992
FCB-France Mashad Iran 8159 Shargh	Clinker Cooler 3'000 t/d	131.6 213	99.75% 15.7 38.6	1	429B	3			1992
FCB-France Khamir Iran 8160 Hormozgan	Preheater direct, with CT 3'000 t/d	122.22 120	99.89% 51.2 55	2	429C	3	2	7.2	1992
FCB-France Khamir Iran 8161 Hormozgan	Clinker Cooler 3'000 t/d	135.5 208	99.75% 18.2 44.8	2	429B	3			1992
FCB-France Khamir Iran 8162 Hormozgan	Bypass	10.35 150	99.84% 32.4 50.9	2	413B	2	2	3.6	1992
FCB-France Gulgir Iran 8163 Khuzestan	Preheater direct, with CT 3'000 t/d	150 120	99.99% 632.6 48.8	2	429C	3	2	7.2	1992
FCB-France Gulgir Iran 8164 Khuzestan	Clinker Cooler 3'000 t/d	131.1 207	99.75% 18.2 44.8	2	429B	3			1992

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Kanematsu Corp. Neyriz Iran 8170 Neyriz	Preheater direct, without CT 500 t/d	38.62 120	99.96% 70	25	1	416B	3			1992
Deuna Zement Deuna Germany 8175 Deuna	Preheater direct, with CT 2'700 t/d	86.45 130	99.98% 51.4	10.3	1	428B	3	2	5	1992
Deuna Zement Deuna Germany 8176 Deuna	Clinker Cooler 2'700 t/d	60.57 240	99.97% 32	10	1	426B	3			1992
Deuna Zement Deuna Germany 8177 Deuna	Bypass 2"700 t/d	17.76 400	99.50% 50	250	1	1414B	2			1992
Ünye Cimento Ünye Turkey 8178 Ünye	Clinker Cooler 1'800 t/d	80.56 260	99.83% 15	25	1	425B	3			1993
Hsing Ta Cement Suao Taiwan 8179 Hsing Ta	Preheater direct, with CT 1'800 t/d	96.6 120	99.95% 37.4	17	1	418B	3			1993
Bacnotan Cem. Bacnotan Philippines 8181 Bacnotan	Preheater direct, without CT	33.33 180	99.80% 25	50	1	422B	1			1993
Bacnotan Cem. Bacnotan Philippines 8182 Bacnotan	Preheater direct, without CT	27.78 180	99.80% 25	50	1	417B	2			1993

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Bacnotan Cem. Bacnotan Philippines 8183 Bacnotan	Clinker Cooler	50 160	99.67% 15 50	1	423B	2			1993
Central Cem. Bulacan Philippines 8184 Bulacan	Lepol Kiln	52.42 150	99.38% 8 50	1	421B	2			1993
FLS Kaeng Khoi Thailand 8188 Kaeng Khoi	Preheater direct, with CT						1	9.2	1993
Mardin Cimento Mardin Turkey 8192 Mardin	Clinker Cooler 2'000 t/d	88.89 300	99.83% 13.7 22.9	1	426B	3			1993
FCB Saveh Iran 8195 Saveh	Preheater direct, with CT 500 t/h	26.8 150	99.89% 37.6 43	1	418B	2	1	4.4	1994
Deuna Zement Deuna Germany 8196 Deuna	Bypass 2'400 t/d	13.06 400	99.55% 42.5 191.4	1	1414B	2			1993
Nuh Cim. Hereke Turkey 8198 Hereke	Preheater direct, with CT 3'000 t/d	89.29 150	99.93% 46 31.8	1	424B	3	1	6	1993
ACT-Linz Denizli Turkey 8199 Denizli	Clinker Cooler 3'100 t/d	80.09 400	99.75% 7.5 18.7	1	426B	3			1993

<i>Client Site Country A-Nr. Keyword</i>	<i>Object Capacity</i>	<i>Gas Volume /-temp m3/s actual °C</i>	<i>Dust Efficiency % inlet / outlet g/m3 mg/m3</i>	<i>Deduster no</i>	<i>Chamber type</i>	<i>s</i>	<i>Cooling Tower no</i>	<i>d m</i>	<i>Year</i>
T. Cimento (TAS) Van Turkey 8200 Van	Preheater direct, with CT						1	5.2	1993
Karsdorfer Zem. Karsdorf Germany 8201 Karsdorf	Preheater direct, with CT 1'800 t/d	68.64 130	99.97% 49.2 15	1	423C	3	1	7.2	1993
Krupp Polysius Langkawi Malaysia 8203 Langkawi	Preheater direct, with CT 6'000 t/d	226.68 132	99.95% 39.27 19.4	1	431B	4	1	9.2	1993
Krupp Polysius Langkawi Malaysia 8204 Langkawi	Clinker Cooler 6'000 t/d	192.67 240	99.89% 15.6 17.9	1	433B	4			1993
Kedah Cem. Langkawi Malaysia 8206 Langkawi	Clinker Cooler 5'200 t/d	175 340	99.88% 15.3 17.8	1	432B	3			1994
Enka Teknik Lebda Libya 8207 Lebda	Preheater direct, with CT 3'000 t/d	62.5 90	99.89% 101 111.4	1	421B	2			1994
ACT-Linz Denizli Turkey 8208 Denizli	Preheater direct, with CT 3'100 t/d	100.96 150	99.93% 42.92 29.8	1	424B	3	1	8	1994
UBE Ind. Haiphong Vietnam 8209 Haiphong	Preheater direct, with CT 4'000 t/d	160.36 85	99.99% 666.6 34.4	1	430C	3	1	7.6	1994

<i>Client Site Country A-Nr. Keyword</i>	<i>Object Capacity</i>	<i>Gas Volume /temp m3/s actual °C</i>	<i>Dust Efficiency % inlet / outlet g/m3 mg/m3</i>	<i>Deduster no</i>	<i>Chamber type</i>	<i>s</i>	<i>Cooling Tower no</i>	<i>d m</i>	<i>Year</i>
UBE Ind. Haiphong Vietnam 8210 Haiphong	Clinker Cooler 4'000 t/d	160.43 250	99.83% 14.5 24.2	1	431B	3			1994
FLS Tabkwang Thailand 8211 Tabkwang VI	Preheater direct, with CT 9'200 t/d	307.2 150	99.94% 49 31.6	1	437B	3	1	9.2	1994
FLS Tabkwang Thailand 8212 Tabkwang VI	Preheater direct, without CT	138 327	96.65% 40 1339.6	1	430B	3			1994
Allis Ltda. Montes Claros Brazil 8216 Montes Claros	Preheater direct, with CT	121 150	98.59% 1.8 25.4	1	428B	3			1994
Coop. La Cruz Azul Cruz Azul Mexico 8218 Lagunas	Clinker Cooler 4'300 t/d	158.7 250	99.75% 10 25	1	430B	3			1997
Jalaprathan Takli Thailand 8220 Takli	Preheater direct, with CT 2'700 t/d	138.89 90	99.99% 404.8 29.4	1	429C	3	1	6.4	1995
Cem. Marroquies Tetouan Morocco 8221 Tetouan	Lepol Kiln 600 t/h	32 100	99.33% 15 100	1	16.3	2			1994
FR-Cem. Teresa Philippines 8222 Teresa	Preheater direct, with CT 3'300 t/d	108.19 95	99.91% 57.54 53.9	1	425B	3	1	6.8	1995

<i>Client Site Country A-Nr. Keyword</i>	<i>Object Capacity</i>	<i>Gas Volume /-temp m3/s actual °C</i>	<i>Dust Efficiency % inlet / outlet g/m3 mg/m3</i>	<i>Deduster no</i>	<i>Chamber type</i>	<i>s</i>	<i>Cooling Tower no</i>	<i>d m</i>	<i>Year</i>
FR-Cem. Teresa Philippines 8223 Teresa	Clinker Cooler 3'300 t/d	95.63 240	99.63% 10.5 39.2	1	426B	3			1995
Krupp Polysius Bursa Turkey 8226 Bursa	Preheater direct, with CT 2'200 t/d	77.78 119	99.93% 46.5 33.2	1	421B	3	1	6	1995
Halla Eng. Bishah Saudi Arabia 8227 Bisha	Preheater direct, with CT 3'800 t/d	219.72 150	99.92% 33 25	1	433B	4			1998
Halla Eng. Bisha Saudi Arabia 8228 Bisha	Clinker Cooler 3'800 t/d	154.44 257	99.86% 16 22	1	431B	4			1998
Kirloskar Ariyalur India 8231 Ariyalur	Preheater direct, with CT	127.78 95	99.93% 50 36	1	10Bspe	3	1	6.4	1997
Kirloskar Ariyalur India 8232 Ariyalur	Clinker Cooler	61.11 235	99.83% 30.2 52.5	1	425B	2			1997
Kirloskar Ariyalur India 8233 Ariyalur	Preheater direct, without CT	41.67 330	97.00% 50 1500	1	425B	2			1997
Fortune Cem. Mapulo Philippines 8237 Mapulo	Preheater direct, with CT 4'300 t/d	166.67 90	99.98% 150 37	1	429B	3	1	7.6	1995

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AAF-SA Rais Hamidou Algeria 8238 Rais Hamidou	Wet Kiln	55.55 220	99.94% 44.3 27.7	1	418	3			1998
Batisöke Söke Cim. Söke Turkey 8239 Söke	Preheater direct, with CT 1'750 t/d	55 150	99.93% 25.5 19	1	418B	3	1	5.6	1995
Batisöke Söke Cim. Söke Turkey 8240 Söke	Clinker Cooler 1'750 t/d	58.77 324	99.85% 9 13.5	1	422B	3			1995
Batisöke Söke Cim. Söke Turkey 8241 Söke	Lepol Kiln	28.25 98	98.80% 3 35.9	1	414B	2			1995
Far East Cem. Corp. Kiwalaw Philippines 8242 Kiwalaw	Preheater direct, with CT 4'300 t/d	166.67 90	99.98% 150 37	1	429B	3	1	7.6	1995
Premier Cem. Asturias Philippines 8243 Asturias	Preheater direct, with CT 4'300 t/d	166.67 90	99.98% 150 37	1	429B	3	1	7.6	1998
AAF S.A. Rais Hamidou Algeria 8244 Rais Hamidou	Wet Kiln	50 150	99.94% 51.6 32.3	1	420B	1			1998
Krupp Polysius AG Tina-An Philippines 8245 Tina-An	Preheater direct, with CT 5'500 t/d	322.22 110	99.93% 48 35	1	434B	3	1	8.4	1995

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Krupp Polysius AG Tina-An Philippines 8246 Tina-An	Clinker Cooler 5'500 t/d	139.27 300	99.75% 9.3 23.3	1 431B 2		1995
JG Summit Holding Inc. Tina-An Philippines 8248 Tina-An	Wet Kiln 2'500 t/d	94.95 150	99.94% 50 31.4	1 424B 3		1996
Fortune Cement Mapulo Philippines 8249 Mapulo I	Preheater direct, with CT 1'500 t/d				1 5.2	1995
UBE Industries Tarjun Indonesia 8251 Tarjun	Preheater direct, with CT 7'500 t/d	366.67 85	99.99% 540 29	1 434C 4	1 9.2	1996
Mitsubishi Heavy Ind. Haripur Pakistan 8252 Haripur	Preheater direct, with CT 3'300 t/d	108.86 150	99.93% 40.8 30	1 425B 3	1 6.4	1996
Mitsubishi Heavy Ind. Haripur Pakistan 8253 Haripur	Clinker Cooler 	119.17 380	99.75% 7.8 19.5	1 427B 3		1996
Fortune Cem. Mapulo Philippines 8256 Mapulo I	Preheater direct, with CT 1'500 t/d	166.67 90	99.98% 150 37	1 429B 3	1 7.6	1996
Kobe Steel Ltd. Hon Chong Vietnam 8257 Hon Chong	Preheater direct, with CT 4'000 t/d	135.53 104	99.95% 57.6 30.8	1 428B 4	7.2 7.2	1996

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Kobe Steel Ltd. Hon Chong Vietnam 8258 Hon Chong	Clinker Cooler 4'000 t/d	117.21 350	99.69% 6.6 20.3	1 429B 3		1996
FCB-Lille Bhawani Pakistan 8260 Bhawani	Preheater direct, with CT 2'000 t/d	80.92 116	99.89% 63 68.7	1 421B 3	1 6.4	1996
Kirloskar AAF-Ltd. Mangrol India 8261 Mangrol	Clinker Cooler 1800 t/d	88.33 280	99.50% 9.2 46.1	1 426B 2		1998
Dyckerhoff Zement Amöneburg Germany 8264 Amöneburg	Preheater direct, with CT	57.63 140	99.98% 53 10.6	1 423B 3		1996
IHI-Europe Rusayl Oman 8267 Rusayl	Preheater direct, with CT 2'000 t/d	72 150	99.94% 38.8 24.3	1 2422B 3	1 6.4	1996
Bayer AG Leverkusen Germany 8269 Leverkusen	Clinker Cooler	24.7 120	100.00% 406 15	1 1415B 3		1993
IHI-Europe Rusayl Oman 8270 Rusayl	Bypass	22.59 150	99.95% 44.8 23.6	1 2413B 3	1 4.8	1996
Southeast Cem. Corp. Kaohsiung Taiwan 8271 Kaohsiung	Preheater direct, with CT 3'400 t/d	112.2 90	80.00% 0.08 16	1 2427B 1		1996

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Italcementi SpA Broni Italy 8272 Broni	Lepol Kiln	55.01 170	99.00% 1.8 18	1	2414B	2			1996
Italcementi SpA Broni Italy Broni	Clinker Cooler	55.01 170	99.00% 1.8 18	1	2414B	2			1996
Kirloskar AAF-Ltd. Vishnupuram India 8273 Vishnupuram I	Clinker Cooler	55.7 250 1'600 t/d	99.83% 15 26	1	419B	3			1998
Kirloskar AAF-Ltd. Sitapuram India 8274 Sitapuram	Clinker Cooler	136.62 250 4000 t/d	99.83% 15 26	1	431B	3			1998
Polysius RSA Bulawayo Zimbabwe 8275 Bulawayo II	Preheater direct, with CT	50.9 127 1'000 t/d	99.81% 47 89	1	418B	2	1	4.8	1997
Kirloskar AAF-Ltd. Vishnupuram India 8276 Vishnupuram II	Clinker Cooler	172.22 250 5'000 t/d	99.83% 15 26	1	33Bspe	3			1998
Cem. di Merone Merone Italy 8277 Merone	Preheater direct, with CT						1	8	1996
Kirloskar AAF-Ltd. Mriyalguda India 8279 Mriyalguda	Clinker Cooler	47.5 230	99.57% 11.5 50	1	420B	2			1998

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Mindanao Portland Cem. C Kiwalan Indonesia 8280 Kiwalan / Mindanao II	Dry Kiln 1500 t/d	167 90	99.98% 150 37	1 429B 3	1 7.6	1996
F.L.Smith Baturaja Indonesia 8281 Baturaja	Preheater direct, with CT				1 9.2	1996
SACCI SpA Castelraimondo Italy 8282 Castelraimondo	Preheater direct, with CT	49.8 90	100.00% 435 13.5	1 416B 2	1 4.4	1997
SET Group Holding Afyon Turkey 8285 Afyon	Lepol Kiln	29.2 130	99.17% 3.15 26.3	1 415B 2		1997
Cia. Valenciana Alcanar Spain 8287 Alcanar	Preheater direct, with CT				1 6.4	1997
Krupp Polysius AG Ipoh Malaysia 8291 Ipoh	Preheater direct, with CT	127.8 150	99.96% 46.47 20.1	1 2429B 3	1 8	1997
Krupp Polysius AG Ipoh Malaysia 8292 Ipoh	Clinker Cooler 5'500 t/d	155.5 220	99.83% 10.9 18.8	1 2431B 3		1997
APO Cement Corp. Tina-An Philippines 8293 Tina-An	Clinker Cooler 2'500 t/d	80.4 280	99.75% 9.67 24.2	1 2427B 2		1997

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Tasek Cement Berhad Ipoh Malaysia 8297 Ipoh	Clinker Cooler	18.8 250	99.91% 20.27 17.7	1 1413B 2		1997
Enka Teknik A.S. Lebda Libya 8298 Lebda	Preheater direct, with CT				1 7.5	1997
Cia. Valenciana Buñol Spain 8299 Buñol	Preheater direct, with CT 2'200 t/d				1 6.6	1997
Baticim, Bati Anadolu Cim. Izmir Turkey 8302 Baticim	Clinker Cooler 1'500 t/d	83.1 300	99.92% 23.16 18.5	1 2425B 3		1997
MBM Industrieanlagen Odra Poland 8303 Odra	Preheater direct, with CT 1'300 t/d	57.9 120	99.86% 20.14 27.5	1 21416E 2		1997
Krupp Polysius AG Diba United Arab Emirates 8304 Diba	Clinker Cooler	120.7 250	99.75% 10.13 25.3	1 428B 3		1997
Colacem S.p.A. Gubbio Italy 8306 Gubbio	Lepol Kiln	92.3 130	99.89% 9.48 10.1	1 2425B 4		1997
Jiangxi Ya-Dong Cement C Nanchang China 8309 Nanchang	Preheater direct, with CT 4'600 t/h	179.1 105	99.93% 53.5 35.7	1 429B 3	1 8.4	1997

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Halla Engineering Malaysia 8311 Negeri I	Preheater direct, with CT 3'600 t/d	106.5 160	99.80% 26.3 52.6	1	429B	3			1996
Halla Engineering Malaysia 8312 Negeri II	Clinker Cooler 3'600 t/d	133.3 250	99.60% 12.41 49.6	1	429B	3			1996
Coop. La Cruz Azul Hidalgo Mexico 8313 Hidalgo	Clinker Cooler	50.5 250	99.73% 11 30	1	2417B	3			1997
SET Cimento Sanayii Ankara Turkey 8315 Ankara	Preheater direct, without CT 1'200 t/d	65.4 110	99.88% 25.47 31.8	1	2424B	2			1997
Denizli Cimento Denizli Turkey 8320 Denizli	Clinker Cooler	41.1 260	99.75% 9.46 23.6	1	420B	2			1998
Cem. Costantinopoli Barile Italy 8324 Barile	Lepol Kiln 700 t/d	59.2 142	99.70% 5.96 17.9	1	3415B	3			1998
Cem. Costantinopoli Barile Italy Barile	Clinker Cooler	59.2 142	99.70% 5.96 17.9	1	3415B	3			1998
Polysius S.A. Tudela-Veguín Spain 8325 Tudela	Preheater direct, with CT	19.79 150					1	4	1998

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Dyckerhoff Zement Amöneburg Germany 8329 Amöneburg	Bypass	5.2 400	99.08% 38.92 357.5	1 3402B 1		1998
Yamama Saudi Cem. Riyadh Saudi Arabia 8330 Riyadh	Dry Kiln	97.2 400	96.57% 0.3 10.3	1 2426B 2		1998
Yamama Saudi Cem. Riyadh Saudi Arabia 8331 Riyadh	Dry Kiln	104.5 400	93.20% 0.15 10.2	2 427B 2		1998
Yamama Saudi Cem. Riyadh Saudi Arabia 8332 Riyadh	Dry Kiln	104.5 400	93.20% 0.15 10.2	2 427B 2		1998
Yamama Saudi Cem. Riyadh Saudi Arabia 8333 Riyadh	Dry Kiln	104.5 400	93.20% 0.15 10.2	2 427B 2		1998
Fars & Khuzestan Shiraz Iran 8336 Shiraz	Preheater direct, with CT	83.3 100	99.98% 40 10	1 Hybrid 3	1 6	2002
Denizli Cimento Denizli Turkey 8337 Denizli	Clinker Cooler	41.1 260	99.75% 9.46 23.6	1 420B 2		1998
MBM Ind. GmbH Koromacno Croatia 8338 Koromacno	Preheater direct, with CT				1 6	1998

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Heidelberger Zement Burglengenfeld Germany 8339 Burglengenfeld	Clinker Cooler 2'400 t/d	73.9 250	99.97% 19.55 5.9	1 2427B 3		1998
Cementownia Nowiny Nowiny Poland 8340 Nowiny	Clinker Cooler	63.4 250	99.98% 55 10	1 3418B 3		1998
Schretter & Cie. Vils-Tirol Austria 8341 Vils	Clinker Cooler 1'000 t/d	41.7 250	99.91% 10.73 9.2	1 3415B 3		1998
Coop. La Cruz Azul Hidalgo Mexico 8342 Hidalgo	Preheater direct, with CT 4'200 t/d	34.93 350			1 4.5	1998
IHI-Tokyo Bimson Vietnam 8349 Bimson	Preheater direct, with CT	145.8 96	99.92% 39.84 31.9	1 3426B 3	1 6.8	1999
IHI-Tokyo Bimson Vietnam 8350 Bimson	Clinker Cooler	85.2 250	99.83% 15.36 25.6	1 3427B 3		1999
Heidelberger Zem. Burglengenfeld Germany 8352 Burglengenfeld	Bypass	18.7 397	94.68% 17.81 947.4	1 3410B 2		1999
Heidelberger Zem. Burglengenfeld Germany 8353 Burglengenfeld	Bypass 2'000 t/d	18.7 397	94.68% 17.81 947.4	1 3410 2		1999

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Cem. Selva Alegre Otavalo Ecuador 8354 Otavalo	Preheater direct, with CT	114.8 105	99.99% 280.19	23.3	1	3429B	1			1999
Phönix Zement Beckum Germany 8356 Phönix	Bypass	18.76 400	99.92% 1.943					1	4	1999
Cim. Nationale Chekka Lebanon 8357 Chekka	Clinker Cooler	68.5 300	99.92% 30	23.2	1	3427B	2			1999
Cim. Nationale Chekka Lebanon 8358 Chekka	Clinker Cooler	91.3 300	99.92% 30	23.2	1	3430B	2			1999
Cementownia Nowiny Sitkówka Poland 8362 Nowiny	Clinker Cooler	63.4 250	99.98% 55	10	1	3418B	3			1999
NIM Gubbio Sesto Campano Italy 8364 Sesto Campano	Preheater direct, with CT 3'500 t/d	252 123	99.97% 18.19	6.1	1	3433B	4	1	9.2	1999
FLS, Valby Avellaneda Argentina 8365 Avellaneda	Preheater direct, with CT	190 340	99.97% 31					1	8.8	1999
KHD-Köln Ünye Turkey 8366 Ünye	Preheater direct, with CT	198.5 95	99.97% 60	17.9	1	3431B	3	1	8.4	1999

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KHD-Köln Ünye Turkey 8367 Ünye	Clinker Cooler								1999
Portland-ZW Wittekind Erwitte Germany 8368 Wittekind	Preheater direct, with CT	126.9 122	99.97% 22.98 6.1	1	3428B	2			1999
Portland-ZW Wittekind Erwitte Germany Wittekind	Shaft Kiln	126.9 122	99.97% 22.98 6.1	1	3428B	2			1999
Enka Technik Souq al Khamis Libya 8373 Souq al Khamis	Preheater direct, with CT	83.1 120	99.92% 60 50	2	2425B	2	2	6	2000
Hornos Ibericos Alba Gador Almería Spain 8377 Almería	Preheater direct, with CT 2400 t/d	144.4 240	99.99% 80 10	2	Hybrid	1			2000
Lagan Cement Lansdown House Ireland 8380 Kinnegad	Preheater direct, with CT	97 150		1	3422B	4	1	6.4	2000
AAF Frankreich Beni-Saf Algeria 8381 Beni-Saf	Preheater direct, with CT	78 160	99.92% 66 50	2	3411B	2			2000
Sacci, Rom Cagnano Italy 8382 Cagnano	Preheater direct, with CT 1400 t/d	110 143	99.96% 14 5	3	AHPC	1	1	6.4	2000

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Ehdas Management Co. Bushehr Iran 8383 Bushehr	Preheater direct, with CT	105 105	99.90% 28 27	1 3429B 3		2001
Ehdas Management Co. Bushehr Iran 8384 Bushehr	Clinker Cooler	120 330	99.65% 6 21	1 3428B 3		2001
Heidelberger Zement Burglengenfeld Germany 8387 Burglengenfeld	Clinker Cooler	74 250	99.97% 20 6	1 2427B 3		2001
AZE Mühendislik Müsavirlik Askale Erzurum Turkey 8388 Askale	Preheater direct, with CT 2500 t/d	138.9 100	99.91% 29 26	1 3427B 3	1 4.8	2001
Doroud Cement Doroud Iran 8389 Doroud	Preheater direct, with CT 2'500 t/d	187 87	99.99% 361 30	1 3429B 2		2001
AAF Frankreich Rais Hamidou Algeria 8392 Rais Hamidou	Wet Kiln	55.7 200	99.90% 45.5 45	1 Specia		2001
Spenner Zement Erwitte Germany 8393 Felsenfest	Preheater direct, with CT	105.6 110	99.99% 650 55.5	1 3422B 2		2001
Isfahan Cement Co. Isfahan Iran 8395 Isfahan	Preheater direct, with CT 500 t/d	32.8 150	99.88% 21.16 26.4	1 3414B 2	1 4.8	2001

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Lafarge Cement Comayagua Honduras 8400 Comayagua	Preheater direct, with CT	69.7 130	99.99% 36.5 5	1 Hybrid 1	1 7	2002
Jiangxi Ya-Dong Cem. Ruichang China 8401 Ruichang	Preheater direct, with CT 4'600 t/d	179.8 105	99.93% 53.31 35.5	1 439B 3	1 8.4	2001
Al-Chahba Cement Aleppo Syria 8402 Aleppo	Preheater direct, with CT				1 7	2002
Al-Chahba Cement Aleppo Syria 8403 Aleppo	Preheater direct, with CT				1 7	2002
OCL India Ltd. Rajganpur India 8404 Rajganpur	Clinker Cooler	104.5 350	99.92% 17 13	1 3427 3		2003
Cim. Nassau Itapessoca Brazil 8405 Itapessoca	Preheater direct, with CT	69.7 116	99.97% 30 10	1 Hybrid	1 4.5	2002
FLS-Spain Fars Province Iran 8406 Fars Nov	Preheater direct, with CT 3'000 t/d	181.9 134	99.92% 31 23.3	1 3431B 3	1 8	2002
FLS-Spain Fars Province Iran 8407 Fars Nov	Clinker Cooler 3'000 t/d	111 250	99.86% 14 20.2	1 3429B 3		2002

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Bushehr Cem. Ind. Kash Iran 8409 Kash	Clinker Cooler 3'000 t/d	128.2 250	99.93% 28		1	3428B	3			2002
OAo Soda Sterlitamak Sterlitamak Russia 8410 Sterlitamak	Bypass	136.7 249	99.94% 24.78	15.2	1	3428B	4			2002
OAo Soda Sterlitamak Sterlitamak Russia Sterlitamak 8411 Sterlitamak	Clinker Cooler Preheater direct, with CT	136.7 249	99.94% 24.78	15.2	1	3426C	4	1	8.4	2002
Lafarge Asland S.A. Villaluenga Spain 8418 Villaluenga I	Preheater direct, with CT	132.2 200	99.98% 42	10	1	Hybrid				2003
Lafarge Asland S.A. Villaluenga Spain 8419 Villaluenga II	Preheater direct, with CT	132.2 200	99.98% 42	10	1	Hybrid				2003
Lafarge Asland S.A. Sagunto Spain 8420 Sagunto	Preheater direct, with CT	40.3 170	99.99% 70	10	1	Hybrid				2003
Nuh Cimento Sanayi Hereke Turkey 8422 Hereke, Linie 3	Preheater direct, with CT 6'500 t/d	209.1 95	99.96% 51.13	21.9	1	3432B	3	1	8.4	2003

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Nuh Cimento Sanayi Hereke Turkey 8423 Hereke, Linie 3	Clinker Cooler 6'500 t/d	178.6 300	99.85% 9.33 14	1 3430B 3		2003
Polysius AG Song Gianh Vietnam 8425 Song Gianh	Preheater direct, with CT	120.8 150	99.92% 33.7 26.5	1 3425B 3	1 7.2	2003
Polysius AG Song Gianh Vietnam 8426 Song Gianh	Clinker Cooler	130.2 250	99.95% 51.63 25.3	1 3429B 3		2003
Lemona Industrial Lemoa Spain 8429 Lemona	Preheater direct, with CT	102.8 180	99.98% 40 10	2 Hybrid 1		2003
Ourmia Cement Co. Inc. Ourmia Iran 8430 Ourmia	Preheater direct, with CT 3'000 t/d	93.2 90	99.89% 30 32	1 3427B 2		2003
DAL Teknik Elazig Turkey 8431 Elazig	Preheater direct, with CT 1'500 t/d	77.8 95	99.96% 44.55 19.1	1 3419B 3	1 3.6	2003
DAL Teknik Elazig Turkey 8432 Elazig	Clinker Cooler 1'500 t/d	75 280	99.90% 12.87 12.9	1 3425B 2		2003
PSP Engineering a.s. Beocin Serbia and Montenegro 8433 Beocin 3	Clinker Cooler 4'000 t/d	103.5 233	99.93% 15.91 10.5	1 3427B 3		2003

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Ourmia Cement Co. Inc. Ourmia Iran 8434 Ourmia	Clinker Cooler 3'000 t/d	146.7 250	99.90% 22.3	21.9	1	3430B	3			2003
Colacem S.p.A. Jebel-Jelloud Tunisia 8443 Tunis	Preheater direct, with CT	111.1 150	99.98% 45	10	2	Hybrid	1			2003
Suez Cement Suez City Egypt 8444 Suez	Bypass	59.8 140	99.97% 66	21.6	1	3418/E	2	1	5.6	2003
Baticim Izmir Turkey 8445 Bornova	Preheater direct, with CT	111.1 150	99.96% 45	19.4	1	34243E	3			2003
ADO Cimento Sanayii Kizilkaya Turkey 8447 Kizilkaya	Preheater direct, with CT 3'300 t/d	99.9 95	99.96% 46.7	20	1	3426B	3	1	4.4	2003
ADO Cimento Sanayii Kizilkaya Turkey 8448 Kizilkaya	Clinker Cooler 3'300 t/d	107.6 300	99.85% 8.52	12.8	1	3426B	3			2003
Larsen & Toubro Ltd. Surma Bangladesh 8449 Surma	Preheater direct, with CT	142.5 147	99.95% 60	30	1	3431B	3	1	9.8	2003
Larsen & Toubro Ltd. Surma Bangladesh 8450 Surma	Clinker Cooler	145.05 300	99.91% 46	40	1	3429B	3			2003

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Fars & Khuzestan Cem. Isfahan Iran 8451 Isfahan	Clinker Cooler	54.1 250	99.46% 3.85 20.8	1	3418B	2			2003
Khazar Cement Co. Khazar-Loushan Iran 8452 Khazar	Preheater direct, with CT	182 137	99.97% 31.15 10	1	Hybrid	2			2004
Khazar Cement Co. Khazar-Loushan Iran 8453 Khazar	Clinker Cooler	111 250	99.89% 13 14	1	3428	3			2004
AAF-SA, Gasny Bouziane Algeria 8454 Bouziane	Preheater direct, with CT						1	8.5	2004
Dyckerhoff AG Amöneburg Germany 8455 Amöneburg	Bypass	41.7 380	98.89% 20 222	1	3414	2			2004
DAL Teknik Jauharabad (Khushab) Pakistan 8456 Jauharabad	Preheater direct, with CT	79 150	99.91% 33.21 30.7	1	3418/E	3	1	4	2004
The Siam Cement Co. Kaeng Khoi Thailand 8458 Kaeng Khoi	Clinker Cooler	156.7 250	99.42% 5.1 29.7	1	3431/E	2			2004
Firuzkuh Cement Co. Firuzkuh Iran 8459 Firuzkuh	Preheater direct, with CT			1	3430B	1	1	8	2005

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Firuzkuh Cement Co. Firuzkuh Iran 8460 Firuzkuh	Clinker Cooler		99.86% 14 20.2	1	3429B	3			2005
ZAB-Industrietechnik Komsomolski Russia 8462 Mordow	Wet Kiln	104.1 150	99.97% 43 13.1	1	3424B	3			2004
ZAB-Industrietechnik Komsomolski Russia Mordow	Preheater direct, with CT	104.1 150	99.97% 43 13.1	1	3424B	3			2004
ZAB-Industrietechnik Komsomolski Russia 8463 Mordow	Clinker Cooler	59.6 227	99.69% 5 15.7	1	3423B	2			2004
Deuna Zement GmbH Deuna Germany 8464 Deuna	Bypass	36.5 450					1	3.6	2004
Cem. Di Monselice SpA Monselice Italy 8467 Monselice	Preheater direct, with CT	98.6 295							2004
Lafarge Ciments, Usine Me Meknes Morocco 8498 Meknes	Preheater direct, with CT	64 91		1	Hybrid	3	1	5.2	2005
Sinoma Int. Engin. Co. Ltd. Tahamah Saudi Arabia 8503 Tahamah	Preheater direct, with CT	236.1 100	99.98% 80 17.6	1	3437B	4			2005

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Sinoma International Eng. Tahamah Saudi Arabia 8504 Tahamah	Clinker Cooler 5'000 t/d	188.9 250	99.93% 20 14.2	1	3435B	4			2005
Sinoma International Eng. Tahamah Saudi Arabia 8505 Tahamah	Bypass 5'000 t/d	97.2 300	99.98% 80 12.2	1	3432B	5			2005
Titan Zlatna Panega Ceme Zlatna Panega Bulgaria 8507 Zlatna Panega	Clinker Cooler 1'500 t/d	52.8 280	99.90% 14.3 14.3	1	3422B	2			2005
Titan Zlatna Panega Ceme Zlatna Panega Bulgaria 8508 Zlatna Panega	Clinker Cooler 1'500 t/d	52.8 280	99.90% 14.3 14.3	1	3422B	2			2005
Polysius AG Thang Long Vietnam 8509 Thang Long	Preheater direct, with CT	191.4 150	99.97% 38.05 12.8	1	3432B	3	1	8.8	2005
Polysius AG Thang Long Vietnam Thang Long	Preheater mixed	191.4 150	99.97% 38.05 12.8	1	3432B	3	1	8.8	2005
Polysius AG Thang Long Vietnam 8510 Thang Long	Clinker Cooler	199.2 250	99.94% 20.64 12.7	1	3434B	3			2005
Ardestan Cement Co. Ardestan Iran 8553 Ardestan	Preheater direct, with CT 3'500 t/d			1	3430B	3	1	7.6	2005

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Ardestan Cement Co. Ardestan Iran 8555 Ardestan	Clinker Cooler 3'599 t/d			1 3430B 3		2005
Heidelberg Cement AG Triefenstein-Lengfurt Germany 8557 Lengfurt	Preheater direct, with CT				1 7	2005
Kerman Momtazan Cement Momtazan Iran 8558 Kerman Momtazan	Preheater direct, with CT 3'000 t/d	137.3 95	99.94% 50 29.6	1 3428B 3	1 8	2005
Kerman Momtazan Cement Momtazan Iran 8559 Kerman Momtazan	Clinker Cooler 3'000 t/d	98.5 261	99.80% 10 20.4	1 3428B 3		2005
Arabien Cement Co. Ltd. Rabigh Saudi Arabia 8560 Rabigh	Preheater direct, with CT 7'000 t/d	208.5 95	99.96% 51.29 18.7	2 3432B 3	1 10	2005
Arabien Cement Co. Ltd. Rabigh Saudi Arabia 8561 Rabigh	Clinker Cooler 7'000 t/d	206.6 300	99.85% 9.41 13.9	1 3432B 3		2005
Arabien Cement Co. Ltd. Rabigh Saudi Arabia 8562 Rabigh	Bypass	385.1 350	99.97% 43.28 12.8	1 3437B 7		2005
Polysius AG, Beckum Bazifa Kurdistan Iraq 8564 Bazifa	Preheater direct, with CT	262.2 125	99.94% 43.96 24.8	1 3434B 3	1 9.6	2005

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Polysius AG, Beckum Bazifa Kurdistan Iraq 8565 Bazifa	Clinker Cooler	211.4 250	99.76% 9.25 22.4	1	3433B	3			2005
Heidelberg Cement AG Burglengenfeld Germany 8566 Burglengenfeld	Preheater direct, with CT						1	7	2005
Heidelberg Cement AG Ennigerloh Germany 8567 Ennigerloh	Preheater direct, with CT						1	7.6	2005
C.E.S., Shiraz Sepahan Iran 8568 Sepahan	Preheater direct, with CT			2	Hybrid				2005
Sarooj Isfahan Co. Isfahan Iran 8569 Sarooj-Isfahan	Preheater direct, with CT 2'000 t/d	86.4 119	99.91% 30.3 27	1	3425B	3	1	4.4	2005
Cia. De Cimento Itambé Curitiba Brazil 8571 Itambé	Preheater direct, with CT				Hybrid				2005
Lafarge Asland S.A. Puerto Sagunto Spain 8572 Sagunto	Preheater direct, with CT				Hybrid				2005
Sarooj Isfahan Co. Isfahan Iran 8574 Sarooj Isfahan	Clinker Cooler	79.1 221	99.50% 4.3 21.6	1	3426B	2			2005

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SPCC Southern Province C Jazan Saudi Arabia 8575 Jazan 1	Bypass 4'000 t/d	64.5 350	99.98% 61.15 10.9	1 3423B 4	1 4	2005
SPCC Southern Province C Jazan Saudi Arabia Jazan 1	Preheater direct, with CT	64.5 350	99.98% 61.15 10.9	1 3423B 4	1 4	2005
SPCC Southern Province C Jazan Saudi Arabia 8576 Jazan 2	Bypass 4'000 t/d	64.5 350	99.98% 61.15 10.9	1 3423B 4	1 4	2005
SPCC Southern Province C Jazan Saudi Arabia Jazan 2	Preheater direct, with CT	64.5 350	99.98% 61.15 10.9	1 3423B 4	1 4	2005
Khuzestan Cement Co. Ramhormoz Iran 8577 Khuzestan	Preheater direct, with CT			1 3433B 3	1 8.4	2006
Khuzestan Cement Co. Ramhormoz Iran 8578 Khuzestan	Clinker Cooler			1 3433B 3		2006
Sinoma Intl. Engineering C Marat Saudi Arabia 8579 Marat	Clinker Cooler 5'000 t/d	188.9 250	99.93% 20 13.7	1 3435B 4		2006
ZAB-Industrietechnik & Ser Al Anad (Aden) Yemen 8580 Al Anad	Clinker Cooler 3'450 t/d	93.2 257	99.86% 10 14.4	1 3427B 3		2006

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Soufian Cement Company Tabriz Iran 8581 Soufian	Preheater direct, with CT 3'000 t/d				1 7.2	2006
Soufian Cement Company Tabriz Iran 8582 Soufian	Clinker Cooler 3'000 t/d	118.1 270	99.84% 13 20.6	1 3428B 3		2006
Soufian Cement Company Tabriz Iran 8583 Soufian	Preheater direct, with CT 4'000 t/d	115.3 100	99.98% 150 25.3	1 3426B 3	1 6.4	2006
Soufian Cement Company Tabriz Iran 8584 Soufian	Clinker Cooler 4'000 t/d	155.6 270	99.84% 13 20.6	1 3430B 3		2006
Sepahan Cement Co. Isfahan Iran 8589 Sepahan	Preheater direct, with CT 3'300 t/d	150.8 130	99.98% 51.6 9.6	1 3430 3	1 7.6	2006
Sepahan Cement Co. Isfahan Iran 8590 Sepahan	Clinker Cooler 3'300 t/d	118.8 250	99.93% 11.2 8.4	1 3432 3		2006
Mardin Cement Industry & Mardin Turkey 8591 Mardin	Preheater direct, with CT 3'500 t/d	115.2 150	99.96% 43.41 17.4	1 3428B 3	1 6.4	2006
Mardin Cement Industry & Mardin Turkey 8592 Mardin	Clinker Cooler 3'500 t/d	117 300	99.93% 17.09 12.8	1 3428B 3		2006

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Maihar Cement Maihar India 8612 Maihar	Preheater direct, with CT	91.7 150	99.97% 55.6 15.4	2 Hybrid 1		2006
PMT Zyklontechnik ASIA S Pakistan Pakistan 8617 Dewan	Preheater direct, with CT	83.3 150	99.97% 85 26.2	1 3422 3		2006
PMT Zyklontechnik ASIA S Pakistan Pakistan Dewan	Clinker Cooler	83.3 150	99.97% 85 26.2	1 3422 3		2006
Gharb Cement Co. Kermanshah Iran 8620 Gharb	Preheater direct, with CT 4'000 t/d	134.9 90	100.00% 500 23.8	1 special 3		2006
Ekon Industry Askale Turkey 8621 Askale	Clinker Cooler	174.2 248	99.90% 20 20.5	1 3431B 3		2006
Al-Tahady State Co. Al-Najaf Iraq 8622 Al-Najaf	Wet Kiln	75 300	99.88% 20 23.4	1 3419B 2		2006
Bojnoord Cement Co. Bojnoord Iran 8623 Bojnoord	Preheater direct, with CT 3'600 t/d	176.7 100	99.95% 45 21.2	1 3430B 3	1 8	2006
Bojnoord Cement Co. Bojnoord Iran 8624 Bojnoord	Clinker Cooler 3'600 t/d	136.9 250	99.73% 6.69 17.8	1 3431B 3		2006

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Zao Eurocement Resurs Novoulyanovsk Russia 8625 Ulyanovsk	Wet Kiln	193.2 250	99.90% 25.16 25.2	1	3429B	3			2006
VICAT Elmadag Turkey 8628 Elmadag	Clinker Cooler	188.7 250	99.80% 4.41 8.8	1	3432B	3			2006
Lafarge Cement, Moscow Voskressensk Russia 8629 Voskressensk	Wet Kiln	55.6 220	99.84% 18.73 30.2	1	3416B	2			2006
IHI-Tokyo Bim Son Vietnam 8630 Bim Son 2	Preheater direct, with CT	169.7 117	99.93% 46.32 30.2	1	3431B	3	1	8	2006
IHI-Tokyo Bim Son Vietnam 8631 Bim Son 2	Clinker Cooler	163.2 255	99.83% 14.16 23.6	1	3434B	2			2006
Humboldt Wedag India Priv Salalah India 8645 Salalah	Preheater direct, with CT	113	99.90% 50 50	1	3426	4	1	7.5	2006
OAO Verchnebakanskij Ze Verchnebakansk Russia 8651 Verchnebakanskij	Dry Kiln	31.9 150	99.96% 29.46 12.3	1	3416B	2	1	4.4	2006
Polysius AG Binh Phuoc Vietnam 8652 Binh Phuoc	Preheater direct, with CT	201.5 123	99.94% 46.91 29	1	3431B	3	1	8	2006

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Polysius AG Binh Phuoc Vietnam 8653 Binh Phuoc	Clinker Cooler	161.5 270	99.76% 9.87 23.8	1	3432B	3			2006
ZAB Industrietechnik & Ser Komsomolski Russia 8654 Mordow 3	Clinker Cooler	158.6 255	99.90% 15 15	1	3430B	3			2006
ZAB Industrietechnik & Ser Novotroizki Russia 8655 Novotroizki	Preheater direct, with CT 3'300 t/d	86.3 100	99.96% 50 21	1	3424B	3	1	6.4	2006
ZAB Industrietechnik & Ser Novotroizki Russia 8656 Novotroizki	Clinker Cooler	79.5 250	99.90% 15 15	1	3428B	2			2006
GrIn - Shiraz Mashad-Khorassan Iran 8663 Zaveh-Torbat	Preheater direct, with CT 3'300 t/d	180.7 95	99.95% 53 27.8	1	3430B	3	1	5.2	2006
GrIn-Shiraz Mashad-Khorassan Iran 8664 Zaveh-Torbat	Clinker Cooler 3'300 t/d	145.7 240	99.81% 11 21.4	1	3430B	3			2006