

1. PLANT INVESTIGATION LIST BY Suzuki consultant (After 2016 to June 2023)

Burning Plant	Country	Kiln No/Type	Clinker Production (t/d)	Fuel Raw material	Notes
Yongdeng Qilianshan Cement	China	3K NSP	5300	Bituminous coal	Upgradation/Saving energy Improvement of quality Optimization of operation
Hebei Yanxin Building Materials	China	1K/2K DDF	2000	Bituminous coal	Upgradation/Saving energy Using waste fuel/material De-NOx
Hebei Chengda Building Materials	China	1K CDC	6200	Bituminous coal	Upgradation/Saving energy Using waste fuel/material De-NOx
Beijing Liulihe Cement	China	1K DDF	1950	Bituminous coal	Upgradation/Saving energy Using waste fuel/material De-NOx
Beijing Liulihe Cement	China	2K RSP	2550	Bituminous coal	Upgradation/Saving energy Using waste fuel/material De-NOx
Zuoquan Jinyu Cement	China	1K NSP	3950	Bituminous coal	Upgradation/Saving energy De-NOx
Guangling Jinyu Cement	China	1K NSP	4000	Bituminous coal Waste Fuels	Upgradation/Saving energy Using waste fuel/material De-NOx
Zhuolu Jinyu Cement	China	1K NSP	6000	Bituminous coal Waste Fuels	Upgradation/Saving energy Using waste fuel/material Optimization of operation
Datong Jidong Cement	China	2K DDF	5650	Bituminous coal	Upgradation/Saving energy Improvement of quality De-NOx
Jidong (Yantai) Cement	China	1K NSP	7800	Anthracite coal	Upgradation/Saving energy Using waste fuel/material Optimization of operation De-NOx
Jidong Chongqing Hechuan Cement	China	1K NSP	6500	Bituminous coal Sewage sludge	Upgradation/Saving energy Using waste fuel/material Optimization of operation De-NOx
Xinjiang Midong Tianshan Cements	China	1K NSP	1000	Bituminous coal Carbide sludge	Upgradation/Saving energy Improvement of quality Optimization of operation
Xinjiang Midong Tianshan Cements	China	2K/3K RSP	2000	Bituminous coal Carbide sludge	Upgradation/Saving energy Improvement of quality Optimization of operation
Xinjiang Fukang Tianshan Cements	China	1K/2K RSP	2500	Bituminous coal Carbide sludge	Upgradation/Saving energy Improvement of quality Optimization of operation
Yunnan Zhuangshan Industrial	China	4K NSP	6000	Bituminous coal	Upgradation/Saving energy De-NOx/Plant consultant
Yunnan Xingjian Cements	China	2K NSP	4150	Bituminous coal Anthracite coal	Upgradation/Saving energy De-NOx
Yunnan Pu'er TianHeng Cement	China	1K NSP	5150	Anthracite coal	Upgradation/Saving energy Improvement of quality Optimization of operation
Yunnan Chengjiang Huarong Cement	China	2K NSP	2500	Anthracite coal	Upgradation/Saving energy De-NOx
Yunnan Yuandong Cement	China	3K NSP	2500	Bituminous coal	Upgradation/Saving energy Improvement of quality Optimization of operation
Yunnan Huaxin Dongjun Cement	China	1K NSP	5250	Bituminous coal Anthracite coal	Upgradation/Saving energy De-NOx
Huaxin Cement Fumin	China	1K CDC	3000	Bituminous coal Anthracite coal	Upgradation/Saving energy De-NOx
Huaxin Fuling Chongqing Cement	China	1K NSP	6000	Bituminous coal Sewage sludge	Upgradation/Saving energy Using waste fuel/material Optimization of operation
TCC Chongqing Cement	China	1K/2K NSP	5700	Bituminous coal	De-NOx

TCC Yingde Cement	China	1K/2K/3K/4K RSP	6200	Bituminous coal	Upgradation/Saving energy De-NOx
TCC Guigang Cement	China	1K/2K/3K/4K RSP	6200	Bituminous coal	De-NOx
TCC Jurong Cement	China	2K RSP	6200	Bituminous coal	De-NOx
Sichuan Yongxiang	China	1K RSP	2700	Bituminous coal Carbide sludge	Upgradation/Saving energy Optimization of operation De-NOx
Tangshan Hongye Cement	China	1K NSP	2600	Bituminous coal	Upgradation/Saving energy Improvement of quality Optimization of operation
Zibo Luzhong Cement	China	1K NSP	5800	Bituminous coal Waste fuels Sewage sludge	Upgradation/Saving energy Optimization of operation De-SOx
Bishan Jidong Cement (By remote job)	China	1K NSP	6500	Bituminous coal Waste fuels Sewage sludge	Upgradation/Saving energy Using waste fuel/material Optimization of operation
Zibo Sunnsy Cement	China	2K NSP	6500	Bituminous coal	Upgradation/Saving energy Optimization of operation
Zibo Sunnsy Cement (By remote job)	China	1K NSP	6500	Bituminous coal	Upgradation/Saving energy Optimization of operation
Pingyin Sunnsy Cement (By remote job)	China	1K/2K NSP	6500	Bituminous coal Waste fuels Sewage sludge	Upgradation/Saving energy Optimization of operation De-SOx
ZhalaitEQi Sunnsy Cement (By remote job)	China	2K NSP	6250	Bituminous coal	Upgradation/Saving energy Optimization of operation
Zaozhuang Chuangxin Sunnsy Cement (By remote job)	China	1K NSP	6700	Bituminous coal	Upgradation/Saving energy Optimization of operation
Yishui Sunnsy Cement (By remote job)	China	1K NSP	6750	Bituminous coal	Upgradation/Saving energy Optimization of operation
CGGC Songzi Cement (By remote job)	China	2K NSP	6000	Bituminous coal Waste fuels	Upgradation/Saving energy Optimization of operation
Fumin Jinrui Cement (By remote job)	China	1K NSP	3000	Bituminous coal	Upgradation/Saving energy Optimization of operation
Qilianshan Gansu Pingliang Cement (By remote job)	China	1K NSP	3050	Bituminous coal Coal waste	Upgradation/Saving energy Optimization of operation
Xinjiang Tianye Tianwei Cement (By remote job)	China	2K NSP	2800	Bituminous coal Carbide sludge	Upgradation/Saving energy Optimization of operation
Ruentex Materials	Taiwan	1K RSP	3200	Bituminous coal	Saving energy Optimization of operation
Taiwan Cement (Suao)	Taiwan	6K RSP	5000	Bituminous coal	De-NOx
Taiwan Cement (Hoping)	Taiwan	1K/2K RSP	8600	Bituminous coal	Saving energy De-NOx
Taiwan Cement (Hoping)	Taiwan	1K RSP	8600	Bituminous coal Biomass fuels	Upgradation/Saving energy Using waste fuel/material Optimization of operation
Birla White Cement	India	1K RSP	700	High-Sulfur Petcoke	Upgradation/Saving energy Improvement of quality
Birla White Cement	India	2K DDF	1100	High-Sulfur Petcoke	Upgradation/Saving energy Improvement of quality
JK White Cement	India	1K NSP	1500	High-Sulfur Petcoke	Saving energy Improvement of quality Optimization of operation
RAK White Cement	UAE	1K/2K DDF	1000	High-Sulfur Petcoke	Upgradation/Saving energy Improvement of quality Optimization of operation
RAK White Cement	UAE	3K DDF	700	High-Sulfur Petcoke	Upgradation/Saving energy Improvement of quality Optimization of operation
Siam Cement-KhaoWong	Thailand	1K OLC	11000	Bituminous coal Biomass fuels	Upgradation/Saving energy Using waste fuel/material Optimization of operation By-pass basic design

Siam Cement-KaengKhoi	Thailand	3K MFC	4200	Bituminous coal Biomass fuels Waste fuels	Upgradation/Saving energy Using waste fuel/material Optimization of operation By-pass basic design
Siam Cement-KaengKhoi	Thailand	4K MFC	4200	Bituminous coal Biomass fuels Waste fuels	Upgradation/Saving energy Using waste fuel/material Optimization of operation
Siam Cement-KaengKhoi	Thailand	5K FLS-OLC	6000	Bituminous coal Biomass fuels Waste fuels	Upgradation/Saving energy Using waste fuel/material Optimization of operation By-pass basic design
Siam Cement-TaLuang	Thailand	5K FLS-OLC	4200	Bituminous coal Biomass fuels Waste fuels	Upgradation/Saving energy Using waste fuel/material Optimization of operation
Siam Cement-TaLuang	Thailand	6K FLS-OLC	4200	Bituminous coal Biomass fuels Waste fuels	Upgradation/Saving energy Using waste fuel/material Optimization of operation
Siam Cement-Lampang	Thailand	1K KHD	6100	Bituminous coal Biomass fuels Waste fuels	Upgradation/Saving energy Using waste fuel/material Optimization of operation By-Pass basic design
Siam Cement-Thungsong	Thailand	6K OLC	7500	Bituminous coal Biomass fuels Waste fuels	Upgradation/Saving energy Using waste fuel/material Optimization of operation By-Pass basic design
Khammouane Cement	Laos	1K KSV	5000	Anthracite coal Biomass fuels	Upgradation/Saving energy Using waste fuel/material Optimization of operation
Mawkamyine Cement	Myanmar	1K NSP	5250	Bituminous coal Biomass fuels	Upgradation/Saving energy Improvement of quality Optimization of operation
El Nahda Cement	Egypt	1K DDF	5500	Bituminous coal High Sulfur Petcoke	Upgradation/Saving energy Improvement of quality Optimization of operation
Arabian Cement	Egypt	2K FLS	6000	Bituminous coal Waste plastic High Sulfur Petcoke	Upgradation/Saving energy Improvement of quality Optimization of operation
Royal Cement (White)	Egypt	1K SINOMA	1000	High Sulfur Petcoke	Upgradation/Saving energy Improvement of quality Optimization of operation
Cleopatra Cement (White)	Egypt	2K SF(FCB)	900	High Sulfur Petcoke	Upgradation/Saving energy Improvement of quality Optimization of operation
Holcim Alesd	Romania	1K RSP	4200	Bituminous coal Petcoke Waste plastic Waste fuels	Upgradation/Saving energy Using waste fuel/material Optimization of operation
Tokuyama Cement	Japan	3K SF	4200	Bituminous coal Waste plastic Sewage sludge	Upgradation/Saving energy Optimization of operation De-NOx
Tokuyama Cement	Japan	5K SF	6400	Bituminous coal Waste plastic Sewage sludge	Upgradation/Saving energy Optimization of operation De-NOx
Ryukyu Cement	Japan	1K KSV	2200	Bituminous coal Waste plastic Sewage sludge	Saving energy Using waste fuel/material Optimization of operation
Sun Paper (Lime Kiln)	China	1K	400	Natural Gas	Upgradation/Saving energy
Yoshizawa Lime Industry (Lime Kiln)	Japan	2K Grate type PH	400	Bituminous coal Coke Waste plastic LNG	Upgradation/Saving energy Optimization of operation
Yoshizawa Lime Industry (Lime Kiln)	Japan	3K Grate type PH	600	Bituminous coal Coke Waste plastic LNG	Upgradation/Saving energy Optimization of operation

Grinding Plant	Country	Raw Mill Cement Mill	Product (t/h)	Grinding equipment	Notes
Ruentex Materials	Taiwan	Raw Mill	230	Vertical Mill 1750(kW)	Saving energy Optimization of operation
Ruentex Materials	Taiwan	Cement	100	Ball Mill 2050(kW)X2(pec)	Saving energy Optimization of operation