

**埃及GOE项目**  
**Egypt GOE project**



# EGYPT GOE PROJECT

埃及GOE项目 **Sinoma**  
中国中材



▲ 埃及国旗  
Flag of Egypt



▲ 项目所在位置  
Project location

## 工程技术特点:

高温风机, 窑尾排风机, 窑头排风机, 窑主传动均采用交流变频调速; 项目 DCS系统采用国际领先的施耐德公司的控制系统进行全厂自动化控制, 控制信息丰富。自动化仪表、设备采用国际知名品牌产品, 自动化系统具有国际先进水平。埃及GOE项目是我公司进军埃及市场的第一个EPC项目, 充分利用本土资源, 提升了企业的国际化项目管理水平, 对该区域市场形成了“中国技术、中国装备、中国品牌”的辐射力和影响力。

## Engineering and Technical Characteristics:

ID fan, raw mill EP fan, cooler EP fan and kiln main drive adopts AC variable frequency for speed regulating; The DCS system of the project adopts the control system of international leading company, Schneider, for whole plant automation control, control information is various. Automatic instrumentation and devices adopts the well-known international brands and the automation system has the international advanced level. Egypt GOE project is the first EPC project since SINOMA Tianjin entered the Egyptian market. SINOMA Tianjin made full use of local resources, which improved the international Project management level of the company and formed the influence and internationality in the region of Chinese technology, Chinese equipment and Chinese brand.



▲ 生产线全景  
Plant Panorama



# EGYPT GOE PROJECT

## 1、项目概况 Project Overview

埃及GOE 2×5000t/d水泥生产线，为EPC交钥匙工程。位于埃及西奈半岛，距El-Arish约50公里。GOE项目工作范围涵盖矿山勘探、工程地质勘探、设计、土建、安装及设备制造、采购和运输等。目前正在建的2×5000t/d水泥生产线是项目的第一阶段（每条线年产能力为160万吨水泥），第二阶段包括另外2条5000t/d生产线。2007年11月启动。两条生产线均如期点火。2011年1月的局势动荡，天然气管道先后有11次的人为破坏，现场服务和生活、生产物资供应受到影响，但经过项目部及公司上下的努力，项目于2011年9月开始系统性能测试，所有系统的性能完全满足合同要求，获得业主颁发的PTOC（即PAC）证书。

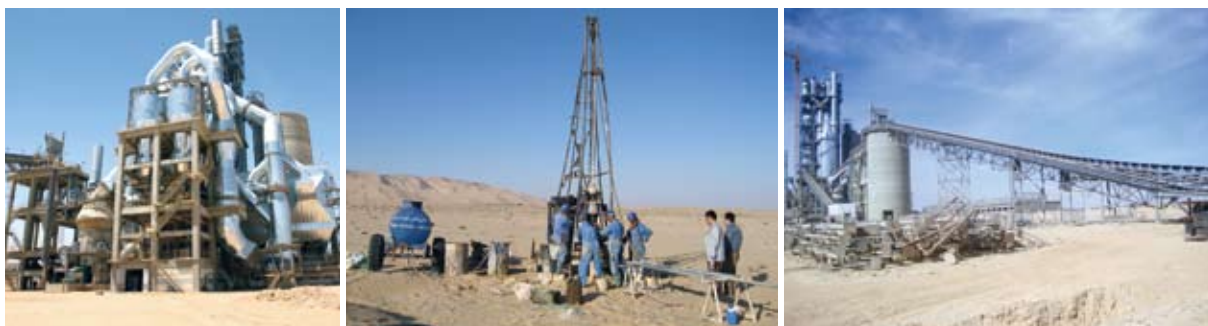
Egypt GOE 2×5,000t/d clinker production line is the turnkey project, which locates in Sinai Peninsula, Egypt, 50 km away from El-Arish. The working scope of GOE project ranges from quarry exploration, engineering geology investigation, design, civil works, erection, to equipment manufacturing, procurement and transportation etc. The 2×5,000t/d clinker production line which are being built is the first phase of the project annual capacity of each line is 1.6 million ton cement), the second phase includes the other two production lines. The project started in 2007 and the two lines are ignited as scheduled. Even though the situation was unstable in January 2011 and natural gas are destroyed 11 times intentionally, site service and life as well as the production materials are affected, system performance test was started in Sep. 2011 by the great effort of project department and different departments of the company, and all the performance tests meet the contractual requirements, the owner issued PTOC (PAC) certificate accordingly.



▲ 合同签订  
Contract Singing



▲ 报告审核  
Report Reviewing



▲ 厂前区  
Administration Area



▲ 主行政楼  
Main Administrative Building

## 2、项目建设节点 Project Milestone

- 2007年 6月，合同签字仪式
  - 2007年11月，合同启动计时
  - 2008年8月，举行开工仪式
  - 2009年 4月，首批设备运抵
  - 2009年7月，设备安装开始施工
  - 2010年12月，水泥磨系统主体安装完成
  - 2010年9月，熟料线主机设备安装完成
  - 2010年11月，熟料线主体安装完成
  - 2011年6月，安装工作全部完成
  - 2010年12月，一线回转窑顺利点火
  - 2011年2月，二线回转窑顺利点火
  - 预计2012年1月，获得PAC证书
- Jun.2007, Contract signing ceremony
  - Nov.2007, Contract take effect ceremony
  - Aug.2008, Project commencement ceremony
  - Apr.2009, First batch of equipments arrived
  - Jul.2009, Equipments erection started
  - Sep.2010, Main equipments of clinker line completed
  - Nov.2010, Erection of clinker line completed
  - Dec.2010, Cement mills erection completed; line 1 kiln ignited successfully
  - Feb.2011, Line 2 kiln ignited successfully
  - Jun.2011, All erection works completed
  - Jan.2012, will get PAC issued



### 3、主机设备详表 Main Equipment List

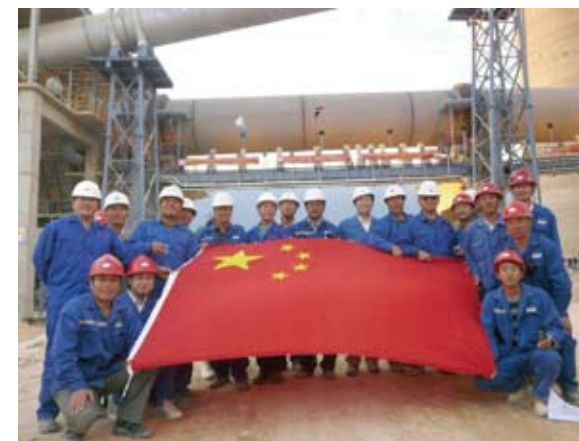
序号 No.	车间名称 Department Name	主机名称 Main Equipment Name	规格型号 Specification	能力 Capability
1	石灰石破碎 Limestone Crushing	双转子锤破 1台 Double impeller crusher, harmer type	HDS2000X2520	1600 t/h
2	石灰石预均化堆场 Limestone Pre-blending Yard	侧式悬臂堆料机 1台 Side Suspended Boom Stacker	CBD2000/23	2000 t/h
		桥式刮板取料机 1台 Side-type Scraper Reclaimer	QGQ900/38	900 t/h
3	辅助原料预均化堆场 Auxiliary Material Pre-blending Yard	侧式悬臂堆料机 1台 Side Suspended Boom Stacker 1 Set	CBD500/15.5	500 t/h
		侧式刮板取料机 1台 Side-type Scraper Reclaimer 1 Set	CGQ300/26	300 t/h
4	生料制备 Raw Material Grinding and Exhausted Gas Treatment	立式辊磨 2台 Vertical Mill 2 Set	LM56.4	450 t/h
		电收尘器 2台 EP Filter 2 Sets	2x28/12.5/5x8/0.4	850000 m <sup>3</sup> /h
5	重油及天然气处理燃烧系统 Burning System with Heavy Oil or Natural Gas	2套 2 Sets		重油22 t/h Heavy Oil : 22t/h 天然气24000 m <sup>3</sup> /h Natural Gas: 24000 m <sup>3</sup> /h
6	烧成系统 Burning System	回转窑 2台 Rotary Kiln 2 Sets	Φ4.8x72	5000 t/h
		预热器及分解炉 2套 Pre-heater and Precalincer 2 Sets	TTF炉型 TTF	5000 t/h
		篦冷机 2台 Cooler 2 Sets	ETA 10610	5000 t/h
		窑头收尘器 2台 Filter for Cooler 2 Sets	33/12.5/4x10/0.45	640000 m <sup>3</sup> /h
7	水泥粉磨 Cement Grinding	水泥管磨机 4台 Cement Mill 4 Sets	Φ5x15m	150 t/h
8	水泥包装 Cement Packing	包装机 6台 Cement Packer 6 Sets	GEV/8 VENTOCEM	2400bags/h

### 4、高层关注 Top focus



埃及国防部军备局官员视察GOE项目  
Armament Authorities of Egyptian  
Ministry of Defense Inspect GOE  
Project accompanied by Mr. Xu  
Peitao, General Manager of Sinoma  
Tianjin

### 5、项目生活 Project life



项目部员工和业主间的足球友谊赛  
Staff from Sinoma Tianjin and Owner Held Football  
Friendship Match

# EGYPT GOE PROJECT

## 埃及GOE项目 Egypt GOE project

### 联系我们 Contact Us

#### 天津

地址：天津市北辰区引河里北道1号

邮编：300400

电话：0086(22)26915233

传真：0086(22)26915452

网址：[Http://www.sinoma-tcdri.cn](http://www.sinoma-tcdri.cn)

#### Tianjin

Address: No.1, Yinheli Bei Road, Beichen District,  
Tianjin P.R. China

Post code: 300400

Tel: 0086(22)26915233

Fax: 0086(22)26915452

Website: [Http://www.sinoma-tcdri.cn](http://www.sinoma-tcdri.cn)

#### 北京

地址：北京市经济技术开发区隆庆街7号

邮编：100176

电话：0086(10) 67285071

传真：0086(10)67285001

网址：[Http://www.cbmi.com.cn](http://www.cbmi.com.cn)

#### Beijing

Address :7th, LONGQING Road, Beijing Economic and Technological  
Development Area, P.R. China

Post code: 100176

Tel: 0086(10) 67285071

Fax: 0086(10)67285001

Website: [Http://www.cbmi.com.cn](http://www.cbmi.com.cn)