

WWW.ENSOL-EGP.COM



Who we are ...?

“We are pleased to introduce our company as one of the leading engineering and consulting companies in Egypt in the area of water management and process chemical applications.

Engineering Solutions Group (ENSOL) is run by selective experienced group of engineers and chemists for the following areas ;

Water management systems including design, supply, and operation along with after sales services for different areas including pretreatment and chemical treatment of boiler & cooling water systems.

Oil management system including mechanical oil separation. Waste management systems for treatment of industrial effluents to the discharge standards or to enable recycling of effluent.

Process trouble shooting, chemical cleaning, quality systems, safety training and process optimization programs.

Supply of dosing systems, poly electrolytes, floating tube oil skimmers and different filtration units, Industrial cooling and power generation systems trouble shooting.”



Our Goals

ENSOL Quality Assurance Principles And Goals

Management Responsibility

ENSOL's Commitment to Quality

ENSOL's Philosophy

Developing Teamwork

Analyzing Problems

Purchasing Systems

Training

Corrective and Preventative Action

Health and Safety Policy



we at ENSOL are committed to satisfying Our customer's needs with quality products and services that conform to mutually agreed upon requirements.

Signature
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Boiler Water Systems

Scales and corrosion in a boiler water system represent the greatest threats to boilers. They damage equipment, lower the heat efficiency, and cause steam to leak. Our boiler water treatment chemicals are used to prevent trouble in boilers and help them operate efficiently. Our products eliminate energy losses, help to reduce blowdown volume, and increase the drain recovery rate. ENSOL produce a wide range of products to address these needs, over more than

25 years of experience and know-how in boiler water treatment. Our line of boiler water treatment chemicals, includes but not limited to oxygen scavengers, scale inhibitors, dispersants, condensate treatment and pH adjustment. We offer chemicals that meet high safety standards in terms of ingredients as well as chemical effects.



Cooling Water Systems

We offer cooling water treatment chemicals that prevent troubles caused by water as well as the system operation efficiency in the cooling systems to reduce energy usage. Water may cause scales and slime to form and lead to corrosion in a cooling water system.

These considered to be the three biggest problems with cooling water, and can cause systems to shut down, shorten equipment life, and lead to energy loss. Our chemical production line includes but not limited to corrosion inhibitors, scale inhibitors, dispersant, yellow metals inhibitors, bio dispersant and oxidizing and non oxidizing biocides.

Chilled Water Systems

Closed loops that are not properly treated can cause significant corrosion damage and can waste water and energy.

These systems must be checked on a regular basis to confirm proper treatment level and system integrity.

ENSOL provide all scale and corrosion needed chemicals as well as bio sides required.





Waste Water Systems

We offer wastewater treatment plants and chemicals that help reduce environmental impact through proper wastewater treatment by removing suspended solids in industrial wastewater and domestic sewage.

Using our experience in water treatment, we provide many different chemicals for use in waste water treatment, sludge treatment, and other means of water environment preservation.

RO-membrane Systems

These chemicals remove suspended substances, which degrade the filtration performance of RO membranes, and prevent dirt from adhering to membranes. There are five problems associated with RO membranes: clogging, deterioration of the permeable water quality, the decrease of water for treatment, the increased cost for membrane change, and the large amount of water used and wastewater generated.



pre-treatment

Ensol provides all pre-treatment equipments for water systems, such as Filters, softeners, De-ionizers, R.O. units, dosing pumps and control units.

Chemical Cleaning

The buildup of hard water scale in boilers, heat exchangers, cooling towers and pipework reduces the efficiency of heating equipment. Acid washing is the only satisfactory method of removing scale deposits and as an essential requirement for newly erected systems.





Laboratory Analysis

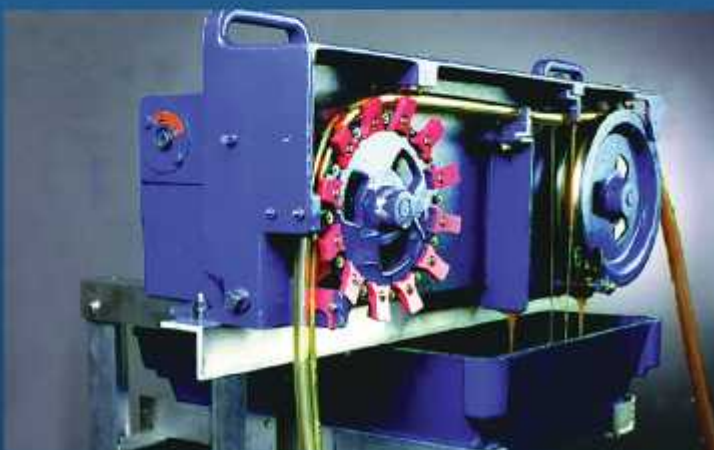
Ensol laboratory is equipped to serve our clients and assist in our R&D work. It includes the following items, water analysis, deposit analysis and microbiological analysis.

Projects

Ensol engineering department provides full projects activity, starting from design, procurement, erection, commissioning and startup for water treatment projects in different application fields.



For over 40 years, Oil Skimmers has been the leader in the field of waste oil removal, Oil Skimmers the leading manufacturer and marketer of automatic oil skimming equipment, specializing in recovering all types of floating waste oils, greases and fats from water surfaces. When it comes to separating oil from water for recovery and recycling, companies around the world have benefited from the use of our floating tube oil skimmers.



Job References

Chemical Cleaning Jobs in Power Station

Nuberia power station.
Kureimat power station.
Turbine pipe line in Kureimat power station.
BFW line for OPC Ein Sukhna.
Sidi kerir power station.
Condensate & feed Water - Tibin Power Station
AL ATF power station.
Cairo west power station.
ELskohna power station.
Banah power station.
Mac Ain sokhna (power cable planet)
Ikea buliding el futiem
Cairo plaza (National Bank)
Echem building.
Assiut West power station.
South Helwan power station.
Domiatia power station.

Petroleum Sector

Enppi	Cairo
Midor	Alexandria
Cairo Oil Refining	Mostorod
Gupco	Maadi
Egyptian Drilling Co. (EDC)	Cairo
Ameraya Oil Refinery	Alexandria
Egyptian Petrochemical Co.	Alexandria
Nasr Petroleum Co.	Suez
Saipem	Cairo
Sinothwa	Cairo
Egyptian Chainese Drilling Co. (ECDC)	Cairo
Chevron	6th of October
ANRPC	Alexandria
Alex petroleum	Alexandria
Petrojet	Ain Sokhna

Gases Industries

Iag co .	Nasr City
El Khaleeg	10th of Ramadan
El Barawy	Obour City
Gulf Cryo	El Hawadia

Consulting & Contracting Offices

Orascom construction industries	Cairo
BECT Group	Cairo
Medhat Abu Zaid Egypton Consulting House	Cairo
Al Marasem International For Developmen	Cairo
El Safwa Group	Cairo
ABB Contracting	Cairo
New cooler	Cairo
Arab International Company	
Egaco	Cairo
MAC	Cairo
Arab Contractors	Cairo
Consolidated Contractors Company	Cairo
Gas Cool	Cairo
Gas Chill	Cairo
Protection Company	Cairo
ECG Company	Cairo

Waste Treatment

Cairo Oil Refinery (CORC)	Mustorod
Egyptian electric authority(EEA)	Cairo
Amereya oil Refinery	Alexandria
National Paper Co. (NPC)	Alexandria
Egyptian iron & steel Co.	Helwan
Egyptian petrochemical Co.	Alexandria
Sonka	Sokhna
KCG	10th of Ramadan
DP World	Sokhna
Chevron	6th of October
Morgan Chmical Indusstries	10th of Ramadan

Steel Industries

Egyptian Co. For Iron & Steel	Suez
Kandil Steel Co.	10th of Ramadan
Kama	10th of Ramadan
Galvametals	Obour City
Asec	10th of Ramadan
Suez For Steel	Suez
El Ezz Steel	Suez & Dekhela
Beshay Steel	Sadat
Egyptian Steel	5th Element, New cairo
Anode	Suez

Food Industries

Savola Misr	10th of Ramadan
Sim Darby	Suez
Cairo Pulotry	Quesna
Pyramids for pultory	Sadat
G2G Yougart Factory	Sadat
Coca Cola	Alexandria
Dolce	Obur, Abu Rawash, Kafr Eldwar, Bragel
Iffco	Suez
Egypt Foods	Quesna
Arabic Co. for Oil	Quesna
Nestle	6th of October
National Vegetable Oils Co. (CARGILL)	Alexandria
Givaudan Co.	6th of October
Misr Café	10th of Ramadan

Sugar Industries

United Sugar Co. Of Egypt (Savola)	Ain Sokhna
Delta for sugar	Kafr El.Shaikh
Faiyum for sugar	Faiyum
Alex. For sugar	Alexanria

Chemical Industries

Packin	El Obour city
Foll Co.	10th of Ramadan
TCI Sanmar Co.	Port Said
Royal	Port Said
Safa & Marwa	Port Said

Plastic Industries

Misr El Hegaz	10th of Ramadan
Lashin for Plastic	Gabal-El Asfar
Lashin for Plastic	10th of Ramadan

Quality Control and Training

Misr Foam	6th of October
Integrated Oils	Suez
Arab Textile Company	Alexandria
Sim Darby Edible Oil Company	Suez
Cairo lab	Cairo
Midor	Alexandria
Kandil Steel Co.	10th of Ramadan
First Lab	Cairo

Others

Ameraya for Spinning & Weaving	Alexandria
Sunny Misr	Cairo
Lever Egypt	6 th of October
Port Said engineering work	Alexandria
Egyptian Turbine Company (ETC)	Alexandria
Siemens - ETC power plant	Ayoun Moussa
Technit Chemi Montubi (OPC)	Ain Sokhna
ABB SADELM Power station	Beni Suef
ABB SAE SADELM	El - Kureimat
General Electric	El - Kureimat
TOYO Engineering Corporation	Suez
FERROMETALCO FMC	Sidi Krir
Al- Nasr Fertilizer (Semadco)	Suez
Al- Nasr Casting Company	Tanash
SEFCA Kawitchook Company	Tanta
Union Air	Cairo
Ideal Co.	10th of Ramadan
ETRR2	Abou Zaabal
Nubaria Power Station	Nubaria
Kurymat Power Station	Kurymat
US Aid	Cairo
Servier for Medical Industries	6th of October
TV & Radio Union	Cairo
XD-EGEMAC Factory	Ain Sokhna
Cairo Plaza- Sherif branch (Al-Ahly Bank)	Cairo
El Saraya Mall	Cairo
Epsi pharm	Beni Suef
Ministry of Communication & Technology	Abu Eawash

Paper Industries

Carta Misr	6th October
Islamia for Paper	6th October
El Nasr For Paper Industry	Alexandria
Egyptian Canadian	6th October
Advanced for paper	Sadat City
Misr for Paper	Sadat City
Horus for Paper	Beni Suef

Glass Industries

Misr Cafe	10th of Ramadan
Cairo Glass	10th of Ramadan



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