

International Engineering Consultancy

- Previous Business -

1. International Fire Fighting and Fire Alarm Consulting Works

- Complete Vision of firefighting system and pump system for new firefighting and alarm systems of Jeddah Islamic Port (KSA).
- Design of firefighting and fire alarm systems for Silos of Nahdat Al-Emaar

Contracting CO.LTD

- Design of firefighting and fire alarm systems for [Mecca Tunnels](#) (18 tunnel in holy places and 40 tunnel in Mecca)
- Fire Protection System Technical Review & HCIS Approval for [Rabigh 2 IPP Project](#) of Samsung C&T Corporation
- Engineering Services of HCIS approved fire consultant for firefighting scope of work of [natural gas reduction station in RM-LP utilities](#) of SABIC
- HCIS Consultancy Services for [NPK/DAP Plant Project at Ras Al Khair](#) of Intecsa Industrial
- HCIS Consultancy Services For "[Package 8, IU&O Facilities](#)" Project at Ras Al Khair, of Reda Trading & Development Co.
- Design of Fire Protection Systems & HCIS Approval for [SOYA -1 Project](#) of Soybean Crushing Co. & Derivatives (SOYA).
- HCIS Consultancy Services for SOYA 1 Project – Tank Farm at King Fahad Industrial Port, Yanbu of Soybean Crushing Co. & Derivatives (SOYA).
- Design of firefighting and fire alarm systems for [El-Jubail Port-KSA](#)
- Design of firefighting and fire alarm systems for [services building of Kings Road Tower-Jeddah](#)
- Provide study the status of the ventilation to [Mecca Tunnels](#).
- HCIS Consultancy Services for New Fire Fighting & Fire Alarm Systems In [GASCO-ABHA Branch](#) of National Gas & Industrial Co. (GASCO)
- HCIS Consultancy Services for New Fire Fighting & Fire Alarm Systems In [GASCO-QASSIM Branch](#) of National Gas & Industrial Co. (GASCO)

- HCIS Consultancy Services For [Ar'ar Manufacturing And Storage Facilities Project](#) of Saudi Chemical Company (SCC)
- Review and HCIS Approval of Detailed [Design Package FDAS](#) of SMS Saudi Arabia LLC.
- Review of Detail Design Package for [\(EDT\) Chemical Storage Tank](#) of Arabian Amines Company (AAC).
- Consultancy Services Related To Obtaining HCIS Approval Of [The EVA Plant & EA/BA Port Facilities](#) In Respect Of Safety & Fire of International Polymers Company (IPC).
- HCIS Consultancy Services for [STC-J Utilities Park and Pilot Plants at Jubail](#) of Mustang HDP.
- HCIS Consultancy Services for [Jubail Bulk Plant Interface Facilities Project](#) of Mustang Al-Hejailan DAR.
- HCIS Consultancy Services for [Project No. 9395m \(Gas and Condensate Export System Project\)](#) – EPC of Kuwait Gulf Oil Company
- Design of firefighting and fire alarm systems for [Buildings of Al-Fateh University - Libya – Tripoli](#)

2. National Fire Fighting and Fire Alarm Consulting Works

(Design and Supervision)

I. Petroleum Sites:

- Design Firefighting and Automatic Alarm system for the main network of Amriya Oil Refinery Company.

- Design Firefighting and Automatic Alarm system for 69 Tank of Amriya Oil Refinery Company.
- Hydraulic calculations of firefighting system for the main network of Amriya Oil Refinery Company.
- Upgrade the existed Firefighting and Automatic Alarm system for 15 tanks of Amriya Oil Refinery Company.
- Design Firefighting and Automatic Alarm system for Oil Treatment Station of Amriya Oil Refinery Company.
- Design Cooling and Automatic Alarm system for Gaseous Pressurized Vessels of Amriya Oil Refinery Company.
- Design Firefighting and Automatic Alarm system for Field-K of West-Bakr Petroleum Company.
- Supervision of Firefighting and Automatic Alarm system construction for Field-H of West-Bakr Petroleum Company.
- Design Firefighting and Automatic Alarm system for Tanta station for the mobilization and distribution of natural gas.
- Design Firefighting and Automatic Alarm system for Gahdam-Asuit Warehouses for Nile Petroleum Company.
- Design Firefighting and Automatic Alarm system for four Fuel Stations for Nile Petroleum Company.
- Design Firefighting and Automatic Alarm system for Seven Fuel Stations for Masr Petroleum Company.

- Design Firefighting and Automatic Alarm system for [Twenty Fuel Stations of CO-Operation Petroleum Company](#)
- Design Firefighting and Automatic Alarm system for [Bani-suef Warehouse of CO-Operation Petroleum Company](#)
- Design Firefighting and Automatic Alarm system for [Hayksteb Warehouse of CO-Operation Petroleum Company](#)
- Design Firefighting and Automatic Alarm system for [Tamoh Warehouse of CO-Operation Petroleum Company](#)
- Design Firefighting and Automatic Alarm system for [Damietta Port Warehouse of CO-Operation Petroleum Company](#)
- Design Firefighting and Automatic Alarm system for [Agroud Warehouse of CO-Operation Petroleum Company](#)
- Design Firefighting and Automatic Alarm system for [El-Banker Warehouse of CO-Operation Petroleum Company](#)
- Design Firefighting and Automatic Alarm system for [El-Max Warehouse of CO-Operation Petroleum Company](#)
- Design Firefighting and Automatic Alarm system for [Tanta Warehouse of CO-Operation Petroleum Company](#)
- Design Firefighting and Automatic Alarm system for [Zagazig Warehouse of CO-Operation Petroleum Company](#)
- Design Firefighting and Automatic Alarm system for [Fayoum Warehouse of CO-Operation Petroleum Company](#)

- Design Firefighting and Automatic Alarm system for [Asuit Warehouse of CO-Operation Petroleum Company](#)
- Design Firefighting and Automatic Alarm system for [Menia Warehouse of CO-Operation Petroleum Company](#)
- Design Firefighting and Automatic Alarm system for [Qena Warehouse of CO-Operation Petroleum Company](#)
- Design Firefighting and Automatic Alarm system for [Mostorod Warehouse of CO-Operation Petroleum Company](#)
- Design Firefighting and Automatic Alarm system for [Suez Warehouse of CO-Operation Petroleum Company](#)
- Design Firefighting and Automatic Alarm system for [Aswan Warehouse of CO-Operation Petroleum Company](#)
- Design Firefighting and Automatic Alarm system for [Beheira Warehouse of CO-Operation Petroleum Company](#)
- Design Firefighting and Automatic Alarm system for [Port-said Oil Storage of CO-Operation Petroleum Company](#)
- Technical Review of Firefighting and Automatic Alarm system for [Lubricant and oil Blending Factory of CO-Operation Petroleum Company](#)
- Design Firefighting and Automatic Alarm system for [Agroud Warehouse of Petroleum Pipeline Company](#)
- Design Firefighting and Automatic Alarm system for [Asuit Warehouse of Petroleum Pipeline Company](#)

- Design Firefighting and Automatic Alarm system for Tebbin Warehouse of Petroleum Pipeline Company
- Design Firefighting and Automatic Alarm system for Wady-Feran Warehouse of Petroleum Pipeline Company
- Design Firefighting and Automatic Alarm system for Tanta Warehouse of Petroleum Pipeline Company
- Design Firefighting and Automatic Alarm system for Damanhour Warehouse of Petroleum Pipeline Company
- Design Firefighting and Automatic Alarm system for Kafr-ELDawar Warehouse of Petroleum Pipeline Company
- Design Firefighting and Automatic Alarm system for Benha Warehouse of Petroleum Pipeline Company
- Design Firefighting and Automatic Alarm system for Ras-Shokair Station of Petroleum Pipeline Company
- Design Firefighting and Automatic Alarm system for subsistence camp of Al-Amal Petroleum Company.
- Design Firefighting and Automatic Alarm system for warehouse of Khalda Petroleum Company.
- Design Firefighting and Automatic Alarm system for B15, B16 Tanks of Cairo Oil Refining Company.
- Design Firefighting and Automatic Alarm system for Refining Units (1, 2, 3 and 4) of Cairo Oil Refining Company.

- Design Firefighting and Automatic Alarm system for [Silah 1 Oil Well Field](#) of [Petrosilah Petroleum Company](#).
- Design Firefighting and Automatic Alarm system for [Silah Deep 1 Oil Well Field](#) of [Petrosilah Petroleum Company](#).
- Design Firefighting and Automatic Alarm system for [Badr Warehouse](#) of [AlTube Petroleum Company](#).
- Design Firefighting and Automatic Alarm system for [Lube Oil Plant](#) of [Shell Egypt](#).

II. Sea Ports and Terminals:

- Design of firefighting and fire alarm system for silos building in Damietta Port.
- Design of firefighting and fire alarm system for silo buildings in Alexandria port.
- Supervising the installation of fire & alarm systems for Alexandria Petroleum Port of Alexandria Petroleum Company.
- Supervising the installation of fire & alarm systems – Damietta port for General Silos & Storage Co. (GSSC).
- Supervising the installation of fire & alarm systems – Alexandria port for General Silos & Storage Co. (GSSC).
- Design of firefighting and fire alarm system for Workshops and storages buildings of Canal Mooring and lights Company.
- Design of firefighting and fire alarm system for Workshops and storages buildings of Canal Naval Construction Company.
- Design of firefighting and fire alarm system for Main building and containers yard of Suez Canal Containers Terminal co. (SCCT).
- Revision of the existing firefighting system and pump system for the first stage of Port-Said Port.
- Revision of Firefighting system of the existing first stage firefighting pumps to cover the requirements of the second stage for Port-Said Port.
- Design Firefighting and Automatic Alarm system for sea port of Alexandria Petroleum Company

III. Cement Plants:

- Design Firefighting and Automatic Alarm system for Management Buildings of National Company for cement.
- Design of firefighting and fire alarm system for underground electric cable tunnels 1.8 Km of National Company for cement.
- Design Firefighting and Automatic Alarm system for Control rooms of Bani suef Company for cement.
- Design Firefighting and Automatic Alarm system for Al-Rwad Factory for Gypsum Production.
- Design Firefighting and Automatic Alarm system for underground electric cable tunnels and Electric stations of Nahda Cement Company.
- Revision and improving of the existing firefighting system for Nahda Cement company - Qena.
- Design Firefighting and Automatic Alarm system for Katamyia Coal Storages of Suez Cement Company.
- Technical Revision of Firefighting and Alarm system for Katamyia Plant of Suez Cement Company.
- Technical Revision of Firefighting and Alarm system for Suez Plant of Suez Cement Company.
- Technical Revision of Firefighting and Alarm system for Helwan Plant of Suez Cement Company.
- Technical Revision of Firefighting and Alarm system for Katamyia Plant of ElSewedy Cement Company.

- Design of Firefighting and Alarm system for Katamyra Gypsum Factory of Ecobat Company.
- Design Firefighting and Automatic Alarm system for Gypsum factory of Sinai Manganese Company.
- Design Firefighting and Automatic Alarm system for Suez Plant of Knauf Egypt.

IV. Great Facilities and Industrial Factories:

- Design Firefighting and Automatic Alarm system for Ferromanganese factory of Sinai Manganese Company.
- Design Firefighting and Automatic Alarm system for Glass Factory of Saint-Gobain Egypt Company.
- Design Firefighting and Automatic Alarm system for Kima Aswan Plant of Egyptian Chemicals Industries Company.
- Design Firefighting and Automatic Alarm system for Suez Plant of El-Nasr for fertilizers and chemical Industries Company.
- Design Firefighting and Automatic Alarm system for Attaqa Chemical Factory of Vinavil Company.
- Design Firefighting and Automatic Alarm system for Gahdam Chemical Factory of Nile Petroleum Company
- Design Firefighting and Automatic Alarm system for El-Jut Chemical Factory of CO-Operation Petroleum Company.
- Technical Revision of firefighting and fire alarm systems for 10th of Ramadan Chemical and Paints Factory of SIPES Paints Company.
- Design of firefighting and fire alarm system for Abo-Zaabal factory for specialty chemicals (18 Harbi earlier with area of 10 km square with a high risk).
- Design of firefighting and fire alarm systems for Laboratories building at the National Center for Research in Dokki.
- Design of firefighting and fire alarm systems for Mattresses Factory of Habitat Egypt.
- Design of firefighting and fire alarm systems for Sewage plant in El-Amerya.

- Design of firefighting and fire alarm systems for BBC factory for manufacturing paints.

Design of firefighting and fire alarm system for belt ending for silo Damietta Company

- Technical Revision of Firefighting and Alarm system for Waste Conversion Factory of National Authority for military Production.
- Supervise the implementation of fire alarm and firefighting systems to Laboir factory.
- Design of firefighting and fire alarm systems for Fruit Packing and importing Factory of Fruttella Egypt.
- Design of firefighting and fire alarm systems for Benha Electronics Factory
- Design of firefighting and fire alarm systems for El-Obor factory for steel Production.
- Design of firefighting and fire alarm systems for sewage project 16 Transformers.
- Design of firefighting and fire alarm systems for Site (14) of Toshiba El-Araby Company.
- Design of firefighting and fire alarm systems for Stoves Factory of Toshiba El-Araby Company.
- Design of firefighting and fire alarm systems for Qus Factory of Qena Paper company
- Technical Revision of firefighting and fire alarm systems for Steel Manufacturing of ASEC- Aresco Manufacturing and industrial Projects.
- Design of firefighting and fire alarm systems for Trucks and Bus Factory of Engineering Automotive Manufacturing Company.

- Design of firefighting and fire alarm systems for Kattameya yard and workshops of Kharafi National Egypt.
- Design Firefighting and Automatic Alarm system for Ghamra Workshops of CO-Operation Petroleum Company
- Design Firefighting and Automatic Alarm system for Bahteem Stores of CO-Operation Petroleum Company
- Design Firefighting and Automatic Alarm system for EISawah Garage of CO-Operation Petroleum Company
- Design of firefighting and fire alarm system for Tunnels in 1'st line of Cairo metro.
- Design of firefighting and fire alarm system for reference line in 1'st line of Cairo metro.
- Design of firefighting and fire alarm system for the main workshops in 1'st line of Cairo metro.
- Design of firefighting and fire alarm systems for Fuel Storage Tanks of Kattameya Down-Town Building.
- Design of firefighting and fire alarm systems for Elevator Machinery Rooms of Kattameya Down-Town Building.
- Design of firefighting and fire alarm systems for Electric Escalators of Kattameya Down-Town Building.
- Design Firefighting and Automatic Alarm system for Electric Substations of Amriya Oil Refinery Company.
- Design of firefighting and fire alarm system for power transformers for silo Damietta Company.

- Design of firefighting and fire alarm system for compressors room for silo Damietta Company.
- Design of firefighting and fire alarm system for control rooms, vacuums, Mechanical vacuum and horizontal store tank for silo Damietta Company.
- Design of firefighting and fire alarm system for Transformers buildings at the National Research Center in Dokki.
- Design of firefighting and fire alarm systems for generators building at the National Center for Research in Dokki.
- Design of firefighting and fire alarm systems for Kuraymat Steam Power Plant of South Egypt Electric Production Company.

V. Public Facilities and Buildings:

- Design Firefighting and Automatic Alarm system for Admin and Control Buildings of National Air Navigation Services Company.
- Design Firefighting and Automatic Alarm system for Main and 16 Network Buildings of South Cairo Electric Distribution Company.
- Design Firefighting and Automatic Alarm system Admin and Laboratories Buildings of Amriya Oil Refinery Company.
- Design Firefighting and Automatic Alarm system for the MEK Stores of Amriya Oil Refinery Company.
- Design Firefighting and Automatic Alarm system for the Storages of Alexandria Petroleum Company.
- Design Firefighting and Automatic Alarm system for Building of Badr-Elden Petroleum Company.
- Design Firefighting and Automatic Alarm system for Cairo Central Building of Nile Petroleum Company.
- Design Firefighting and Automatic Alarm system for Main Management Building of CO-Operation Petroleum Company
- Design Firefighting and Automatic Alarm system for Mostorod Management Building of CO-Operation Petroleum Company
- Technical review of Firefighting and Automatic Alarm system for Central Buildings of Misr Petroleum Company

- Design Firefighting and Automatic Alarm system for Merghem Buildings of Petroleum Pipeline Company
- Technical Revision of Firefighting and Alarm system for Helwan Stores of Ministry of Trade and Industry.
- Design of firefighting and fire alarm systems for Buildings of the textile industry at the National Center for Research in Dokki.
- Design of firefighting and fire alarm system for the central control building for Cairo metro.
- Design of firefighting and fire alarm systems for Misr-ElGededa Building of Resala Charity Organization.
- Design of firefighting and fire alarm systems for Madinat Nasr Building of Resala Charity Organization.
- Design of firefighting and fire alarm systems for Autostrad Building of Resala Charity Organization.
- Design of firefighting and fire alarm systems for Mosada'-Dokki Building of Resala Charity Organization.
- Design of firefighting and fire alarm systems for Zahraa ElMaadi Storages of Resala Charity Organization.
- Design of firefighting and fire alarm systems for Faisal Building of Resala Charity Organization.
- Design of firefighting and fire alarm systems for Gesr-Elseuz Storages of Resala Charity Organization.

- Design of firefighting and fire alarm systems for El-Sawah Building of Resala Charity Organization.
- Revision of firefighting and fire alarm systems for Mo'attam School of Resala Charity Organization.
- Design of firefighting and fire alarm systems for building of the Ministry of Communications and Information Technology in Nasr City.
- Design of firefighting and fire alarm systems for Ragab Sons Stores waili and Mansoura Branches.
- Design of firefighting and fire alarm systems buildings of the Council of Ministers.
- Design of firefighting and fire alarm systems for Gazirat El-Dahab Towers.
- Design of firefighting and fire alarm system for Bank Misr Building Roshdy Branch.
- Design of firefighting and fire alarm system for City Heights Malls Obour.
- Design of firefighting and fire alarm systems for Buildings of Shooting Club.
- Design of firefighting and fire alarm systems for Al-Gazira Sports Club.

VI. Hospitals:

- Design of firefighting and fire alarm systems for Suzan Mubarak Hospital in Menia.
- Design of firefighting and fire alarm systems for Manial University Hospital.
- Design of firefighting and fire alarm systems for The National Cancer Institute.
- Design of firefighting and fire alarm systems for the educational Hospital in Tanta.
- Design of firefighting and fire alarm systems for the Mubarak Hospital.
- Design of firefighting and fire alarm systems for Abu-Rish University Hospital.
- Design of firefighting and alarm systems for Abu-Rish Internal Diseases Hospital.
- Design of firefighting and alarm systems for Al-Qasr El-Aeiny Poisons Hospital.
- Design of firefighting and alarm systems for Al-Qasr El-Aeiny Emergency Hospital.
- Design of firefighting and fire alarm systems for electricity transformers building the educational Hospital in Almataria.
- Design of firefighting and fire alarm systems for AlGala hospital.
- Design of firefighting and fire alarm systems for Aldoa'h Hospital for Cancer.
- Revision of firefighting and fire alarm systems for Resala Hospital for Cancer-Resala Charity organization.

VII. Universities:

- Design of firefighting and fire alarm systems for Faculty of Law, Cairo University.
- Design of firefighting and fire alarm systems for Faculty of Communication, Cairo University.
- Design of firefighting and fire alarm systems for Service buildings in the faculty of nursing, Cairo University.
- Design of firefighting and fire alarm systems for schools of the Nile University.
- Design of firefighting and fire alarm systems for Viral insulation building for College of Veterinary Medicine- Cairo University
- Design of firefighting and fire alarm systems for Rod-ElFarag buildings of the faculty of Engineering-Shoubra, Benha University.
- Design of firefighting and fire alarm systems for the faculty of Engineering Port-said University.
- Design of firefighting and fire alarm systems for the Chancellor Buildings Port-said University.

VIII. Historical and Ancient buildings:

- Design of firefighting and fire alarm systems for some buildings of Fatimah Cairo.
- Design of firefighting and fire alarm systems for the main archaeological buildings of Bank Misr and obtaining the approval of the Antiquities Authority.
- Design of firefighting and fire alarm systems for Umm-Kulthum Museum building -Manial.
- Design of firefighting and fire alarm systems for Building the Egyptian Opera House.

3. Design of Electrical systems

- Power Systems Design of Viral insulation building for College of Veterinary Medicine- Cairo University
- Power Systems Design for Bani-Suef Cement Company.
- Power Systems Design for National Cement Company.
- Power Systems Design for Florida Malls.

4. Design of Ventilation, Air Conditioning and Cooling Systems

- Design of Ventilation and Air Conditioning systems for Viral insulation building for College of Veterinary Medicine- Cairo University
- Design of Ventilation systems for a power cable company of National Cement Company.
- Design of Ventilation and Air Conditioning systems for Awlad-Ragab shops, Mansoura and Waili Branch.
- Design of Heat Exchangers Cooling systems for Ferromanganese Furnaces of Sinai Manganese company.

5. Installation supervision & startup assistance of firefighting & automatic alarm systems (Without Preliminary Designs)

I. Cement Companies:

- Supervising the installation of fire & alarm systems for several facilities of the National Cement Company (NCC).
- Supervising the installation of fire & alarm systems for underground power cabling tunnels of the National Cement Company (NCC).

II. Hospitals:

- Supervising the installation of firefighting & automatic alarm systems for Tanta university hospital.
- Supervising the installation of firefighting & automatic alarm systems for AlGala Obstetrics & Gynecology hospital.
- Designing of firefighting & automatic alarm systems for El-Doaah Oncology center.

III. Great and Public Establishments:

- Supervising the installation of fire & alarm systems of the central underground rail control room
- Supervising the installation of fire & alarm systems for Silos Building Damietta Port.
- Supervising the installation of fire & alarm systems for Silos Building Alexandria Port.
- Supervising the installation of firefighting & automatic alarm systems for Power transformers compartment – National Research Centre.
- Supervising the installation of firefighting & automatic alarm systems for Power generating compartments – National Research Centre.

- Supervising the installation of firefighting & automatic alarm systems for [Central Labs – National Research Centre](#).
- Supervising the installation of firefighting & automatic alarm systems for [Agriculture & Biology research labs – National Research Centre](#).
- Supervising the installation of firefighting & automatic alarm systems for [Textile industries division – National Research Centre](#).
- Supervising the installation of fire & alarm systems for [La poire patisserie](#).
- Supervising the installation of fire & alarm systems of [Gazirat Eldahab residential buildings](#).
- Supervising the installation of fire & alarm systems for [sanitary sewer 16 power transformers](#).

6. Design of emergency, evacuation plans and escape routes

- evacuation plans and escape routes for [the National Cement Company](#)

- Design simulation of evacuation plans and escape routes of the National Cement Company.
- Design simulation of evacuation plans and escape routes for the Bani-suef Cement Company.
- Design plans and emergency escape routes and evacuation of the Main building for Bani-suef Cement Company.
- Design plans and emergency evacuation and escape routes of the tunnel stations of 1st line Cairo metro.
- Design simulation of evacuation plans and escape routes of the tunnel stations of 1st line Cairo metro.
- Design simulation of evacuation plans and escape routes of the tunnel stations of 2nd line Cairo metro.

7. Consultant to the following companies and government agencies.

- Petrosafe company.
- National Company for the production of cement.
- TITAN Cement Company.
- Nile Company for petroleum marketing.
- Cooperation petroleum company
- El-Amriya Petroleum Company.
- Cairo Metro.
- Sinai Manganese Company.
- Down Town Kattameya
- Resala Charity Organization.
- Mataria Educational Hospital.
- Cairo University Hospitals.
- National Heart Institute Hospital.
- Al-Gala obstetrics Hospital.
- National Nutrition Institute
- National Cancer Institute
- Ahmed Maher educational Hospital.

8. Mechanical Consulting Projects

- Design of Water Network of [Cairo Opera](#).

- Design and Hydraulic Calculations for farm irrigation network of the yellow mountain.
- Design and Hydraulic Calculations for farm irrigation network of Al-tabba project of National Cement Company.
- Design a network of medical gases Heart Institute Imbaba.
- Design of the sewer plant of Al-Obour factory for steel production.
- Design the sewer network to Labware factory.
- Design a network of natural gas to the villages in Libya.
- Design ventilation system for a cable tunnels of Cement National Company.
- Design of water network for Mataria educational hospital.
- Initial design of tunnels in Mecca - Saudi Arabia.
- The initial design for tunnels of the holy places in Mecca - Saudi Arabia.
- Engineering for Feeder Granulation system for Ain-Sokhna Glass Factory of Saint-Gobain Egypt company.

9. Sovereign Consulting Work

- Ministerial Advisory Committee for the Ministry of Transport, Arab Republic of Egypt 27/3/2005 "Dr. Essam Sharaf".

