

Holds a B. Sc. in Communication Engineering and has over 31 years hands-on experience in SCADA system, Engineering, Proposals, Evaluation, Document submittal Review, Construction, Commissioning, Start-up, Rehabilitation projects, Maintenance and troubleshooting and training in the field of Thermal Power plants, Combined Cycle Power Plants and includes field instruments, DCS and all equipment related to control system department in Egypt, Libya and Oman.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/12/1963
Gender : Male
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Communication Engineering, Cairo University, 1987

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet
: InfoWork, Visio

TRAINING COURSES AND CERTIFICATIONS

: Training Course in PMP.
: FIDIC Contracts between Law, Engineering and Investment (2018).
: Business Writing Course (2018).
: Effective business writing skills (2007).
: Power plant logic development in PGESCo (2008).
: Power plant instruments and power plant systems control in PGESCo (2007).
: Several training courses in Egypt in basics of control systems, field instruments and other courses related to power plants and computers (2007).
: Training course in ABB Procontrol P in Germany in 1994.
: Training course in Babcock Hitachi for steam generator in Japan for 4 weeks in 1993.

- : Training course in Bailey infi 90 DCS system and bailey field instruments in USA for 6 weeks in 1991.
- : Training course in basics of power plants and site specific for Shoubra El-Kheima power plant by Bechtel Company (1988).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2018 till now
Employer : Consulting Engineering Co. (Previously Dr. M. H. Ali El Saie Consulting Engineers)
Job title : Senior I&C Engineer
Job Description : Sharing in trouble shooting and investigation of communication errors between Electric and water meters and servers in Madinaty and study the possible solutions for healthy communication and reliable data transfer.

Dates : From Feb. 2016 till Dec. 2018
Employer : Consulting Engineering Co. (Previously Dr. M. H. Ali El Saie Consulting Engineers)
Job title : Senior I&C Engineer
Job Description :

- Make conceptual and detailed design for the new awarded desalination/ power plants.
- Review and approve Design of current projects submittals (for example, review the hookup drawing, I/O list, logic, specifications, data sheets, graphics, trends, logs, ...etc.).

Dates : From Oct. 2015 till Jan. 2016
Employer : Universal Consulting Engineering Company in Oman
Project : Reinforcement of Wadi Al Ayn well field production Capacity in Oman
Job title : Senior Engineer I&C
Job Description :

- Review Contractor submittals for approval (for example Review the Hook up drawing, Review Data sheets, I/O list, Logic, ...etc.).
- Participate in progress meetings.
- Witness the fat tests of all SCADA and control system equipment and preparing the tests reports.
- Lead the design team to integrate the new SCADA system with existing one and integrate them with central control room in IBRI.

Dates : From Jun. 2014 till Sep. 2015
Employer : Consulting Engineering Co. (Previously Dr. M. H. Ali El Saie Consulting Engineers)
Project : Design of Gas Power Plant of Company Field using Associated Gas
Job title : Project Manager
Job Description :

- Prepare the proposal (Technical and Financial) for the project.
- Prepare the feasibility study and basic design of the project.
- Visit the site and study the proposed locations for the project.
- Measure with a third party the flow of associated gas and gas analysis for Client.
- Lead the team for preparing conceptual and detailed design.
- Communicate with gas engine suppliers and evaluate their offers

technically and financially and recommend the suitable suppliers to client.

Dates : From Dec. 2012 till May 2014
Employer : Consulting Engineering Co. (Previously Dr. M. H. Ali El Saie Consulting Engineers)
Job title : Senior I&C and SCADA System Engineer
Job Description :

- Engineering of Desalination Plant including RO, pre-treatment, post-treatment, intake and product water tank for Hurghada – El Youssr RO Desalination Plant with capacity of 40,000m³/day extended to 80,000m³/day in Egypt.
- Engineering of power plant for El Ameria Gas Turbine Power Plant 70MW site rating in Alexandria – Egypt.
- Engineering of Pumping station to transfer sea water to the multimedia filter (120,000m³/day).
- Engineering of Necessary flow and pressure measurement for ten (10) bore well pumps and common header to transfer brackish water to the raw water tank.
- Engineering of Madinaty water network and RO plant of capacity 10,000m³/day.
- Engineering of Study extension of Madinaty RO plant up to 12,000m³/day.

Dates : From Aug. 2011 till Nov. 2012
Employer : [EGYPTROL](#)
Job title : Design Team Leader SCADA and Control System Engineer (Engineering, Construction, Commissioning and Start-up Engineer)
Job Description :

- Training for the junior engineers on-job and off-job training.
- Design Team Leader for control system engineers and SCADA system.

Dates : From Jun. 2010 till Aug. 2011
Employer : PGESCo (in association with BECHTEL Power)
Project : Cairo West Thermal Power Plant 2x350MW
Job title : Team Leader for Engineering, Construction supervision, Start-up and Commissioning Engineer
Job Description :

- Use my experience to lead a team in engineering and supporting start-up in logic, field instruments data sheets and control valves and other equipment as required.
- Lead team to support contractors including modifications in logic engineering interlocks, graphics, logs and tests as necessary.
- Lead a Team to support the Contractors during start up especially DCS to implement the required modifications and to verify that the logic is working properly.

Dates : From Apr. 2008 till Jun. 2010
Employer : PGESCo (in association with BECHTEL INTERNATIONAL)
Projects :

- Sidi Krir Combined Cycle Power Plant 750MW in Egypt
- Benghazi, Musrata combined cycles, Sarir, Zewitina and Western

		Mountain simple cycle – Libya
		<ul style="list-style-type: none"> • Zawia Deslination Plant – Libya
Job title	:	Design Team Leader during Engineering, Construction, Start-up and Commissioning
Job Description	:	<ul style="list-style-type: none"> • Lead the team for the essential modifications in logic and complete the schedule for start-up, runback tests and reliability. • Lead the engineering team to support the Contractors during Construction, Start-up especially DCS to implement the required modifications and to verify that the logic is working properly. • Participate in start-up meetings. • Use my experience in engineering for supporting start-up team in logic, field instruments data sheets and control valves and other equipment. • Lead the team in preparing the specifications for thermal power plants, gas turbines, combined cycles and desalination projects. • Lead the engineering team in the submittals review of the Contractors and make the required comments. • Attend the design review meeting with the Owner and Contractors. • Use my previous experience to lead the engineering team to review the data sheets of instruments and hook up drawings and DCS specifications. • Assure that the specifications are according to the latest standard specifications. • Provide on-job and off-job training for the junior engineers in Egypt and Libya. • Lead the engineering team for new power plants and desalination plants in Benghazi, Musrata, Sarir, Western Mountain, Zawia and Zewitina in Libya.
Dates	:	From Oct. 2005 till Apr. 2008
Employer	:	PGESCO (in association with BECHTEL INTERNATIONAL)
Project	:	Nubaria III Combined Cycle 750MW
Job title	:	Senior SCADA and Control System Engineer
Job Description	:	<ul style="list-style-type: none"> • Preparing the specifications as standard specifications and project specifications for the Power Plants. • Preparing the specifications for Continuous Emission Monitoring System (CEMS), steam/water analysis system, Preparing the specification and drawings for Instrument Installation Details (IID's). • Preparing the specifications for Nubaria III Combined Cycle 750MW. • Review P&ID's and selecting the required and proper instrumentation and coordinate with the other disciplines. • Follow the latest codes and standards. • Preparing the logic and sama for the balance of plant. • Study the vendor's proposals and prepare the technical evaluation reports. • Preparing the data sheets for the plant instrumentation and participate in preparing the DCS specifications field instruments specifications, the link between the plant and national dispatch center requirements to integrate the power plant with dispatch center.

Dates : From Nov. 2004 till Oct. 2005
Employer : Emerson Company with Electro Tharwat in Control System discipline
Project : Ataka Power Plant Rehabilitation (2x300MW and 2x150MW)
Job title : Site Manager & Supervisor SCADA & Control System Engineer
Job Description :

- Review the engineering documents and make the required corrections for execution.
- Supervise the construction for SCADA system and instrumentation.
- Follow up the configurations for the DCS.
- Supervise the loop check and functional tests for all equipment controlled from DCS.
- Attend the meetings with the Owner for design review and Schedule.
- Integrate the new DCS with dispatch center for proper communication.

Dates : From 2002 till 2004
Employer : Honeywell / Electro Tharwat
Projects : Rehabilitation of Abu Qir (4x150MW) and Abu Sultan (4x150MW)
Job title : Supervisor SCADA and Control System Engineer
Job Description :

- Participate in the engineering for these projects.
- Make the necessary integration between the updated DCS system and existing ones.

Dates : From Oct. 1999 till 2001
Employer : EEA
Project : Cairo West Power Plant
Job title : SCADA and Control System Engineer
Job Description :

- Maintenance Engineer.
- Make the required configuration for the DCS (ABB and Bailey) during maintenance.

Dates : From Apr. 1999 till Sep. 1999
Employer : Balfor Kilpatric Company / Electro Tharwat
Project : Ayoun Moussa Power Plant (2x350MW)
Job title : SCADA and Control System Engineer
Job Description : Follow the erection of field instrument and DCS configurations and make the minor changes required in the project (Bailey).

Dates : From Apr. 1988 till Apr. 1999
Employer : EEA
Projects :

- Shoubra El-Kheima Power Plant
- Cairo South Power Plant
- Cairo West Power Plant

Job title : SCADA and Control System Engineer
Job Description :

- Work in rehabilitation project in Cairo West Power Plant for Bailey infi 90 DCS system.
- Work in Cairo West extension project unit 5 and unit 6.
- Work in maintenance in Cairo West Power Plant.

- Field of experience** :
- SCADA AND INSTRUMENTATION ENGINEER FOR POWER PLANTS, RO DESALINATION PLANTS, PUMPING STATION AND ELECTRIC SUBSTATION (ENGINEERING, TRAINING, CONSTRUCTION, COMMISSIONING AND START-UP ENGINEER).
 - DETAILED ENGINEERING FOR NEW POWER PLANTS, PUMPING STATIONS, DESALINATION PLANTS AND REHABILITATION OF EXISTING POWER PLANTS AND EXISTING PUMPING STATION.