

Sameh Mohamed Fawzy

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Education

B.Sc. of Electronics engineering Menoufia University. (June 1998)

Professional experience

July,2016 to present

- **Company:** Elsewedy Electric, PSP
- **Job title:** QC Manager
- **Project:** BENI SUEF CC POWER PLANT 4800MW
- **Owner:** Egyptian Electricity Holding Company
- **Responsibilities:**
 - Include inspection of various I&C activities/work going on at the Project site i.e. Construction Walk-downs, Testing & commissioning, Material inspections, Closing of punch list items & nonconformance reports, preparing punch lists for the outstanding items, performing proactive inspections, preparing nonconformance reports, preparation of daily, weekly & monthly progress reports.
 - Review and implement the commissioning procedures and control loop checks, verify the received Instrumentation material specifications, supervise the calibration of the instruments and function check the system components.
 - Provide technical support for commissioning and start-up, monitoring and inspection of all I&C project related activities, like field instrument installation and calibration, cable laying and termination, panel and JB's installation, cable tray and conduit work, inspect loop testing and pre-commissioning activities.
 - Participate in all site inspection testing under project inspection and test plan ITP.
 - Inspection for delivered materials to ensure verification according to approved documents from client and consultant.
 - Responsible for calibration certificates and installation certificates.
 - Responsible to walk through and turn over all systems from construction to commissioning.
 - Witness all required tests as per inspection and test plan.
 - Reply for client consultant surveillance notices with reference to contract technical specification



October,2014



- **Company:** KHARAFI National
- **Job title:** I&C engineer (Calibration, Installation & Maintenance.)
- **Project:** west Damietta simple cycle gas turbine units
- **Owner:** East delta electricity production company
- **Consultant:** PGESCO
- **Responsibilities:**
 - Working in West Damietta SIMPLE CYCLE POWER PLANT GAS TURBINE project (4X125MW) with GE COMPANY, AND Kharafi National Company as Construction Eng.I&C. (Calibration, Installation)

Sept, 2013



- **Company:** Accurate Electrical Contracting
- **Job title:** Site manager
- **Project:** Etheydco' s Utilities & Offsite Project " Alex. City"
- **Owner:** The Egyptian Ethylene and Derivatives Company (ETHYDCO)
- **Responsibilities:**
 - Monitor the project activities, Supervise and manage and check all activities at site and corrective action follow up according to engineering drawings.
 - manage a team of Engineers and advise.

March,2011



- **Company:** ABB power systems and automation technology
- **Job title:** I&C engineer (Calibration, Installation & Maintenance.)
- **Project:** upgrading of Damanhur power plant unit 300 mw.
- **Owner:** Damanhur power station
- **Responsibilities:**
 - Working in the Instrumentation Installation, Calibration loop test, function test and startup.

Jan,2002



- **Company:** West Delta Electricity Production Company
- **Job title:** Instrumentation & Control maintenance engineer
- **Project:** Sidi Krir power station
- **Owner:** Egyptian Electricity Holding Company
- **Responsibilities:**
 - Maintenance Specialist Instrument & Controls (Team Leader I&C) is responsible of managing all aspects of I&C maintenance of complete plant.
 - Supervise the erection works with Gas Turbine Contractor.
 - Pre-commissioning, Commissioning and Start up sequence.
 - Safe startup and shutdown for the gas turbine units.
 - Safe startup and shut down for the steam turbine unit.
 - Essential Responsibilities Instrumentation & Control engineer responsible for reporting on the work progress, problems analysis and problem anticipation.

- Supervise the erection works with Gas Turbine Contractor.
- Pre-commissioning, Commissioning and Start up sequence.
- Safe start up and shutdown for the gas turbine units.
- Safe start up and shutdown for the steam turbine unit.
- Responsible for reliability and performance test for units.
- DCS Daisy's notation (for gas turbine control).
- DCS ABB SYMPHONY (for steam turbine).
- DCS Yokogawa (CENTUM 3000).
- PLC "ALLEN BRADLY" (for gas compressor ATLS COPCO).
- PLC "VIPA" (for diverter damper).
- Vibration BENTLY NEVADA 3500.
- Field Instruments Calibration, Installation, and Commissioning & maintenance.
- Pressure instruments (transmitters, switches ...).
- Level instruments (transmitters, switches ...).
- Flow instruments (transmitters, switches ...).
- Temperature instruments (transmitters, switches ...).
- Valve adjustment (pneumatic valves, hydraulic valves, "MOOG").
- Gas density analyzers verifications, flow computer, gas chromatograph.
- Gas compressor ATLS COPCO instruments.
- Pulse compressor ATLS COPCO instruments.
- Air intake system instrument.

Personal TRAINING

- Gas turbine operation, GT aux., GT control systems, GT troubleshooting, Compressor performance & maintenance philosophy by Mitsubishi Heavy Industries in Project site of Sidi Krir Combined cycle (3 weeks) by Japanese group.
- Training for Generator operation & maintenance by Mitsubishi Electric Corporation Energy Systems Center in Sidi Krir Combined cycle Project (1 week).
- Auxiliaries operation and troubleshooting e.g. feed water pumps, both turbine and electrical, (drum level control); circulate water pumps (sea pumps), condensate pumps, service pumps, closed cycle cooling water system and air compressors...etc. by Toshiba (3 weeks).
- DCS Yokogawa (CENTUM 3000) by Yokogawa Middle East center Bahrain.
- Daisy's notation training by MITSUBISHI.
- DCS ABB SYMPHONY IN GENOVA(ITALY).
- PLC "ALLEN BRADLY" training by ROCKWELL AUTOMATION.
- Vibration BENTLY NEVADA 3500 training by GE.
- Gas compressor ATLS COPCO training by ATLS COPCO.
- Training for safe start up, shut-down Heat recovery steam.
- Generator with 3 drums (multi-pressure HRSG and all its Auxiliaries for example pre-heater sys re-heater sys. Recirculation sys. Drains and vents, and blow down system...etc. by Dutch group from NEM Company (3 weeks in class, 2 weeks in local, 3 weeks in control room).
- Off shore training for MV SWGR'S type (RONEX) .LV SWGR'S TYPE (BLOCK Set). Circuit breaker safe operation and maintenance. Protection.

Languages

Arabic:

Mother tongue.

English:

Very good Writing and Speaking.

skills

• **Computer Skills:**

- Excellent knowledge and user of Computer Software.
- Excellent knowledge and user of Microsoft office Packages.
- Excellent knowledge and user of Internet.

• **Personal Skills:**

- Good Communicating and well-organized.
- Calm and flexible in stressing situations.
- The ability to work with the teamwork and dynamic environment.
- Reporting skills.